

# AIR FORCE



AD A O 47501

HISTORICAL TASK ANALYSIS OF C-120E MAINTENANCE JOBS

By

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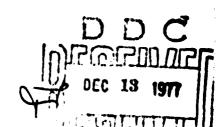
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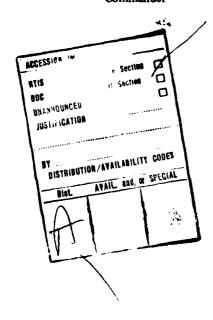
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#### INTRODUCTION

It is usually agreed that a considerable amount of the human resources used on a weapon system is in the maintenance fields. The results of a Life Cycle Cost (LCC) analysis ("Life Cycle Cost of C-130E Weapon System") substantiated this finding showing 83% of LCC was for operation and support. Approximately 50% of this was attributed to military and civilian pay. Since this is the case, it is appropriate to attempt to determine the amount of time the maintenance technician is spending on the C-130E.

In order to accomplish the objective, a task analysis was performed for a selected set of AFSCs at a sample base. In addition to gathering quantifiable data of the personnel's perception of the job being performed, this information could be used to validate the initial projected personnel requirements made during the development of the weapon system by the System Program Office (SPO). Unfortunately the historical search did not uncover any SPO personnel requirements document so the comparison could not be made. The following data do provide some clues as to possible areas of high utilization. The task analysis data when contrasted with reliability and maintainability data establish points of high resource utilization.

#### SCOPE

The acquisition of duty/task data was confined to the 11 selected maintenance Air Force specialists annotated below. Appendix A lists the duties and responsibilities for each of the AFSs. A total of 274 maintenance personnel were inventoried at Little Rock Air Force Base, Arkansas, utilizing Occupational **Survey** Inventories (OSIs) developed by the Occupational Survey **Branch**, USAF Occupational Measurement Center, Lackland Air Force Base, Texas. The OSI used for the Aircraft Maintenance Specialist is enclosed as a sample, Appendix B. Skill-level-5 personnel were inventoried subsequent to completion of a pilot study at McChord Air Force Base, Washington, wherein skill levels 3, 5, 7, and 9 were task inventoried. The inventories encompassed a total of 6294 C-130 maintenance tasks accomplished within the three maintenance squadrons, namely: 1) Organizational; 2) Field; and 3) Avionics Maintenance Squadrons. Functional times, i.e., estimated times spent on performing duties at functional categories such as "Performing General Aircraft Maintenance" were acquired.

AFSC/NOMENCLATURE	SAMPLE
32550 - Automatic Flight Control Systems	16
32551 - Avionics Instrument Systems	20
32850 - Avionics Communications Systems	29
42350 - Aircraft Electrical Systems	27
42351 - Aircraft Environmental Systems	11
42353 - Aircraft Fuel Systems	15
42354 - Aircraft Pneudraulic Systems	11
42650 - Aircraft Propeller System	24
42652 - Jet Engine	50
43151F- Aircraft Maintenance	50
53154 - Corrosion Control	21

#### METHODOLOGY

The methods used during the preparation, acquisition and analyses of Air Force Specialty (AFS) personnel duties and tasks are illustrated in Figure 1. During the planning and conduct of the C-130E Historical Weapon System Analyses program, attempts were made to generate detailed AFS maintenance duties and tasks. Air Force Manual 39-1 (Enlisted Personnel Airman Classification Manual) $^2$  was used as a means of defining the general scope of assigned task responsibilities. It soon became evident that this would not permit the definition of explicit task responsibilities without the use of C-130E technical orders. Tasks described within technical orders (TO) were: 1) too voluminous in nature; would have required extensive time for individual AFSs to use; and 3) were insensitive to which AFSCs were responsible for performing discrete tasks within the TO. A final solution was provided by the Occupational Survey Branch, USAF Occupational Measurement Center, Lackland Air Force Base, Texas. Technical interchanges and interfaces with cognizant members of the Occupational Survey Branch resulted in the release of Occupational Survey Inventories (OSI) and Occupational Survey Reports (OSR) for each of the 11 selected maintenance AFSs evaluated under Phase I of Project 1959. These OSIs provided the most comprehensive AFS duty and task acquisition tool heretofore used by the C-130E study investigators. The OSIs contained discrete sections enablying the acquisition of: 1) background information; 2) maintenance equipment used on the job; 3) training courses completed; and 4) detailed duties/tasks. The latter portion of these OSIs are divided into functional work

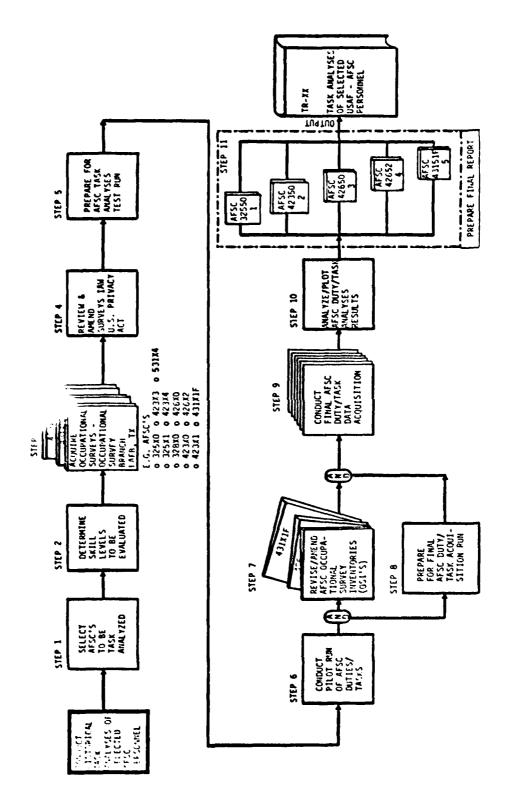


Figure 1 Historical AFSC Duty/Task Analyses Methodology

categories such as: 1) Organizing and Planning; 2) Directing and Implementing; 3) Inspecting and Evaluating; 4) Training; 5) Working with Forms, Records, Reports, etc.; 6) Performing Specific Maintenance Functions, etc. Each of these functions, in turn contained an average of 38 detailed tasks. Each OSI averaged about 570 tasks spread among an average of 15 major functional areas.

The preparation, implementation and analytical steps illustarated in Figure 1 are self-explanatory. Step 6 "Conduct Pilot Run of AFSC Duties/Tasks" was an important step in the methodology portrayed. This enabled the investigators to prepare for the final acquisition of comprehensive duty/task data. Results acquired during the pilot run (McChord Air Force Base, Washington), utilizing actual maintenance AFSCs (preferably skill levels 7 and 9), enabled the investigator to amend the OSIs to include maintenance tasks not identified in current OSIs. In this manner, the OSIs were amended to enable acquisition of specific weapon system maintenance tasks.

AFSs taking the OSIs at operational bases required an average of 55 minutes to complete the inventory with a range of 40 to 68 minutes. Prior to initiating the pilot run and the final inventories, contact and approval via formal letter of request were made to the cognizant command office (e.g., Deputy Command of Maintenance - 314th Tactical Airlift Wing) stipulating: 1) the purpose of the inventories; 2) contract justification; 3) time and area for conducting the inventories; 4) testing time required for each AFS; 5) total numbers of AFSs to be inventoried; and 6) facilities required to conduct the task inventories.

#### TASK ANALYSES SUMMARY

A total of 274 maintenance personnel encompassing 11 Air Force Specialties (AFSs) and consisting of 6294 tasks were inventoried at Little Rock Air Force Base, Arkansas (314th Tactical Airlift Wing). Prior to the acquisition of duty/task data at LRAFB, Arkansas, Boeing conducted a pilot task analysis program at McChord Air Force Base, Washington. The instruments used in acquiring duty/task data during Task V (Phase I, Project 1959) were Occupational Survey Inventories (OSI) developed by the Occupational Survey Branch, USAF Occupational Measurement Center, Lackland Air Force Base, Texas. Attempts to develop detailed duties of explicit AFS maintenance personnel fell well short of techniques and planning already devised by this organization.

The OSIs used during the pilot run at McChord Air Force Base, Washington, were then revised to reflect explicit C-130 tasks not present within the OSIs. The pilot run also served as the basis for deriving test protocols/techniques, and selecting the 5-level skills, inventoried at LRAFB, Arkansas. Table 1 provides a general summary of AFSs and numbers inventoried, as well as the numbers of functions, and tasks within each OSI. It also reflects computed correlations between AFM 39-1, Enlisted Personnel Airman Classification Manual, duties and those recorded by maintenance personnel on their designated Occupational Survey Inventories.

Each of the 11 OSIs contained an average of 15.36 functions (duties) with each function containing an average of 37.24 tasks. A total of 6294 tasks were contained within all 11 of the OSIs (average of 572.18 tasks/OSI). Acquisition of duty/task data encompassing 274 airman within the 11 AFSs summarized in Table 1 required 20 hours of testing with an average of 13.7 enlisted personnel being inventoried during each test hour. All inventories were completed under supervision and control of personnel subsystems specialists. Arrangements (made under the auspices and conditions set forth by the 314th Tactical Airlift Wing Deputy Commander for Maintenance) enabled data acquisition during low maintenance periods. Inventory completion required an average of 55 minutes per AFS. Results/entries incorporated into OSIs were reviewed by the test supervisor and the resident 314th TAW Maintenance Analysis Training (MAT) superintendent prior to acceptance of each completed OSI. In general, the Pearson Product Moment Analytical technique was utilized. Specifically, a bivariant distribution was plotted using planned tasks delineated in AFM 39-1, Enlisted Personnel Airman Classification Manual, and actual tasks performed in the operational environment. These ratios resulted in correlation coefficients range of .524 to .613.

#### RESULTS

Analyses of acquired data demonstrated that the skill level 5 personnel inventoried within the 11 selected AFSs spend over 66% of their assigned times to direct maintenance on the C-130 weapon system. The remaining times are allocated to: 1) indirect maintenance support (19%); and 2) planning, organizing, and training (13%). Figure 2, "AFSC Functional Times Allocation Summary," illustrates the time distributions acquired at Little Rock Air Force Base, Arkansas. Over 73% (4643 tasks) of the 6294 tasks inventoried, are accomplished by the 274 maintenance personnel evaluated at LRAFB, Arkansas.

8

Table 1 Occupational Survey Inventory (OSI) Summary

SOURCE: Occupational Survey Branch - USAF Occupational Measurement

Center, Lackland Air Force Base, Texas 78236

EVALUATION SITE: Little Rock Air Force Base, Arkansas

DATE: January 31, 1977 through February 4, 1977

NUMBER OF TESTING HOURS: 20 hours

NUMBER OF ENLISTED PERSONNEL INVENTORIES: 274 ( $\overline{X}$  of 13.7 Personnel per hour)

Mati	AFSC/NOMENCLATURE	CORRELATION VALUES	NO. OF FUNCTIONS	NO. OF TOTAL TASKS	SAMPLE N	TOTAL POSSIBLE TASKS
1	325XO - Automatic Flight Control Systems	.571	18	487	16	7 792
2	32551 - Avionics Instrument Systems	.585	14	928	20	18,560
3	32853 - Avionics Communica- tions Systems	.561	17	521	29	15,109
١	42350 - Aircraft Electrical Systems	.591	11	424	27	11,448
5	42351 - Aircraft Environ- mental Systems	.,554	18	736	11	8,096
6	42353 - Aircraft Fuel Systems	.529	11	297	15	4,455
,	42354 - Aircraft Pneu- draulic Systems	.597	13	575	11	6,325
8	42650 - Aircraft Propeller Systems	.534	11	477	24	11,448
9	42652 - Jet Engine	,579	17	415	50	20,750
10	43151F - Aircraft Mainte- nance ·	.613	23	977	50	48,850
11	53154 - Corrosion Control	.608	16 ;	457	21	9,597
			£= 169 Functions	E=6294	274	Σ=162,430 Tasks
<b>X</b> number of tasks per function = $37.243$ i.e. : $\frac{6294}{169} = \frac{37.243}{1}$						

Total numbers of possible tasks inventoried = 162,450Average number of personnel/OSI =  $\frac{274}{11}$  = 24.9



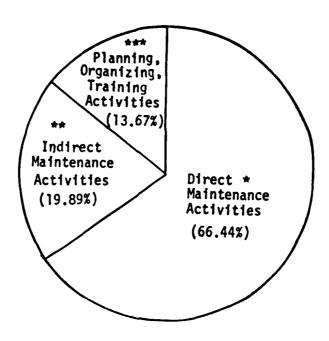


Figure 2 - AFS Functional Time Allocations Summary

- \* DIRECT MAINTENANCE Those tasks performed by personnel within the ll selected AFSs during organizationa? and intermediate maintenance that involve direct test, service, checkout, remove, install, troubleshoot, and calibration of C-130 flight equipment.
- \*\* INDIRECT MAINTENANCE Those tasks performed by the personnel within the 11 selected AFSs during organizational and intermediate maintenance that involves maintaining shop equipment, maintaining forms and records, performing supply functions, preparing maintenance reports, etc.
- \*\*\* PLANNING, ORGANIZING, TRAINING Those tasks performed by the personnel within the 11 AFSs that involves training, directing, evaluating, planning, etc.

Analytical results that follow are highlighted summaries, frequency polygons, and histograms unique to each of the 11 AFSs inventoried.

#### AFSC 32550 - (Automatic Flight Control Systems)3

A total of 16 32550 AFSCs were inventoried. The OSI consisted of 18 major functions encompassing 437 detailed tasks. Table 2 provides a synopsis of analytical results derived subsequent to completion of these inventories. The relative proportions of tasks accomplished by one or more 5-skill level personnel are identified in column 4. This was derived by dividing the number of tasks performed within each function by the total number of tasks contained in all functions. Data contained in column 6 were derived by dividing the number of tasks performed within each function (column 5) by the total number of tasks contained within the same function (column 3). Relative proportions reflected in column 4, were accumulated (summed) and formatted into a cumulative frequency polygon as depicted in Figure 3. The relative percentages of tasks accomplished within each function (e.g., Function A- Planning and Organizing - consisting of 34 tasks) were converted into histogram frequencies and are exhibited on the right-hand side of each figure (e.g., Figure 3 right-half of page). As noted in Figure 3, over 65% (65.9135% or 321 out of 487 tasks) of the tasks contained within Function A are accomplished by 5-level personnel within this specialty. Correlation values of .571 were found to exist between duties actually performed by this AFSC when compared with AFM 39-1 job descriptions, and Lockheed developed support requirements analysis data.

### AFSC 32551 - (Avionics Instrument Systems)4

Twenty (20) 32551 personnel were inventoried. The OSI encompassed 14 major functions consisting of 928 detailed tasks. Results are summarized on Table 3. Analytical results were evolved using the techniques summarized under AFSC 325X0. Over 77% (i.e., 77.1549%) or 716 out of 928 possible tasks are accomplished by one or more 5-level specialists. Cumulative frequencies are illustrated on the left-half of Figure 4. Relative proportions of tasks accomplished by this AFSC within each of the 14 major functions are summarized on the right-half of Figure 4. A correlation value of .585 was computed between tasks actually performed by 5-level specialists and those duties outlined in AFM 39-1, and Lockheed developed systems requirements analysis data.

TABLE SUCCEARY
OF
OSI FUNCTIONAL TITLES/NOVENCLATURES

AFSC OSI: 32550 Automatic Flight Control Systems Specialist Career Ladder (AFPT 90-325-248)

1	2	3	4	5	6
FUNCTIO	N TITLES/HOMENCLATURES	NUMBER OF TASKS	REL. FREQ.(%)	TASKS RECORDED	PENCENT PENCENT
٨	Planning and Organizing	34	1.0267	5	14,71
8	Directing and Implementing	36	5.1335	25	69,45
C	Evaluating and Impacting	37	4.5174	22	59.46
D	Training	28	2.2587	11	39,29
E	Maintaining Forms and Records	47	6.7762	33	70.21
F	Performing Shop or Facility Supply Functions	18	3,0800	15	83,33
6	Performing General Maintenance Tasks	100	17.4538	85	85,00
H	Calibrating and Adjusting Test Eqmt.	23	4,3121	21	91,30
1	Maintaining Remote and Magnetic Compass Systems	14	2,8747	14	100.00
J	Maintaining Automatic Astrocompass Sys.	12		0	00,00
K	Maintaining Stability Augmentation Sys.	21	2.8747	14	66.66
L	Maintaining Auto, Fit. Control Sys.	42	6.3655	31	73.81
M	Maintaining Stall Warning or Stallimete Systems	er 13	0.8213	4	30,77
N	Maintaining Go-around Sys. such as GAAS or RGA Systems	13	2.6694	13	100,00
0	Maintaining Active Lift Dist. Control Systems (ALDCS)	13		0	00,00
, <b>P</b>	Maintaining Automatic Throttle Sys.	13	2.6694	13	100,00
Q	Maintaining Pilot Assist Cable Servo System (PACS)	12	0.8214	4	33,33
R	Maintaining Shop Equipment & Fac.	11	2.2587	11	100,00
	TOTALS	487	65,9135	321	

Column 4 Relative Freq. = No. Tasks Performed e.g. 187 Tasks = 1.0267%

Column 5 Tasks Recorded = The number of tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent = No. of Tasks Performed e.g. 5 Tasks = 14.71%



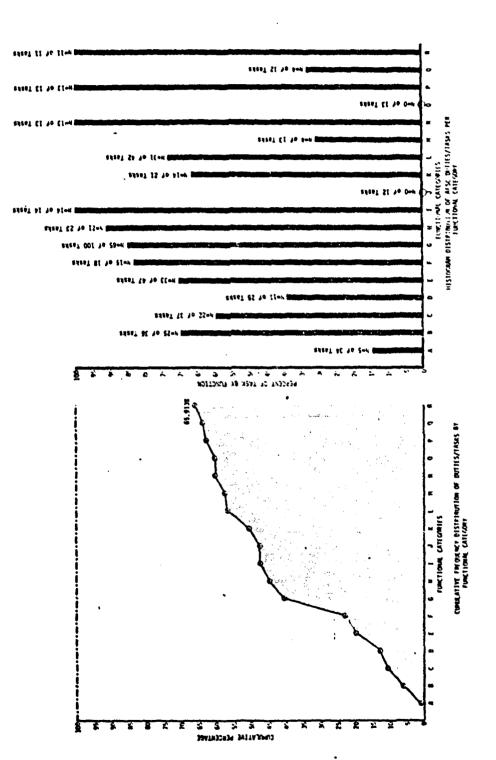


Figure 3 AFSC 32550 Automatic Flight Control Systems Specialist

TABLE 3 SUMMARY
OF
OSI FUNCTIONAL TITLES/NOMEMCLATURES

AFSC OS	1: 32551 Avionics Instrument Systems (AFPT 90-325-128)	Specialis	t Career	Ladder	
1	\$	3 NUMBER	4 REL.	<b>S</b> Tasks	6 FUNCTION
FUNCTION	TITLES/NOMENCLATURES	OF TASKS	FREQ.(2)	RECORDED	PERCENT
A	Organizing and Planning	29	0.7543	7	24.14
B	Directing and Implementing	30	1.7241	16	53.33
C	Evaluating	19	0.8621	8	42.11
D	Training	28	1.1853	11	39.29
E	Performing Administrative Duties	38	2.6939	25	65.79
F	Performing General Flight Line Maintenance	36	3.3405	31	86.11
6	Inspecting and Operationally Checking Instrument Systems	118	11.7457	109	92.37
H	Troubleshooting Instrument Systems on Aircraft	116	10.8836	101	87.07
1	Removing From and Installing Instru- ment System Components on Aircraft	114	10.4526	97	85.09
J	Performing General Shop Maintenance	26	2.5862	24	92.31
K	Bench Checking Instrument Systems Components	117	10.3448	96	82.05
L	Calibrating and Adjusting Instrument System Components	102	7.9741	74	72.55
M	Removing and Replacing Parts of Instrument System Components	117	9.1595	85	72.65
, N	Troubleshooting, Adjusting, and Removing or Replacing Parts of Category II Test Equipment and Tools	38	3,4482	32	84.21
	TOTALS	928	77.1549	716	

Column 4 Relative Freq. (Proportions) = No. of Tasks Performed e.g. 7 = 0.75432

Column 5 Tasks Recorded - The number of tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent (Proportion) No. of Tasks Performed e.g. 7 = 24.14%

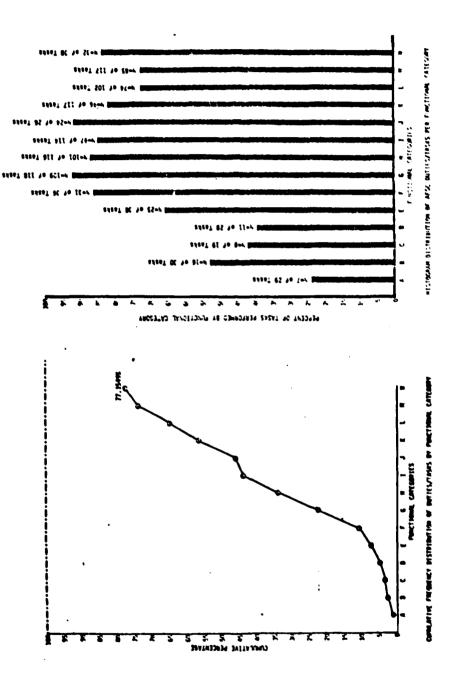


Figure 4 AFSC 32551 Avionics Instruments Systems Specialist

### AFSC 32850 - (Avionics Communications Systems)<sup>5</sup>

Twenty-nine (29) 32850 personnel were inventoried. The OSI used throughout the inventory consisted of 17 functions and contained a total of 521 tasks. Over 57% (57.1792) or 298 tasks out of 521 possible tasks are accomplished by one or more 5-level specialists. Table 4 provides a scenario of relative proportions of tasks accomplished by these personnel. Percentiles of tasks accomplished by these personnel are summarized in column 6. Figure 5 illustrates the cumulative frequencies and histogram distributions of tasks performed by avionics communication specialists. A relationship of .561 (correlation) between inventory tasks versus duties/tasks defined in AFM 39-1 and Lockheed developed systems requirements analysis data.

### AFSC 42350 - (Aircraft Electrical Systems)6

The aircraft electrical systems occupational survey inventory consisted of 11 functions and 424 tasks. Over 89% (i.e., 89.4517%) of all of the tasks (or 383 tasks) are performed by one or more of the 27 specialists inventoried. Analytical results are summarized in columns 3, 4, 5, and 6 of Table 5. Figure 6 illustrates the cumulative and relative frequencies derived from analyses of data. Analytical methods described under AFSC 32550 above, were followed when deriving results summarized herein. A correlational value of agreement of .591 was established between tasks accomplished by 27 inventoried personnel compared to duty responsibility defined in AFM 39-1 and Lockheed developed systems requirements analysis data.

### AFSC 42351 - (Aircraft Environmental Systems)7

Over 72 percent (72.8253%) of the 736 tasks inventoried by 11 environmental systems mechanics are accomplished by one or more 5-skill level personnel. The OSIs used to inventory these personnel encompassed 18 functional categories as depicted on Table 6. The numbers of tasks contained within each function are also listed. The cumulative percent distribution of tasks depicting the 536 tasks accomplished by 5-level personnel are illustrated in Figure 7. Histograms, depicting percent of tasks accomplished within each function, are also displayed in this figure. A correlation of agreement of .544 was established between tasks actually performed under operational conditions compared to duties described in AFM 39-1 and Lockheed developed systems requirements analysis data.

TABLE 4 SUPMARY
OF
OSI FUNCTIONAL TITLES/HOMENCLATURES

AFSC OS1: 32850 Avionics Communications Specialist Career Ladder (AFPT 90-328-079)

1 FUNCTION	2 TITLES/NOMENCLATURES	3 NUMBER OF TASKS	REL, FRED.(%)	5 TASKS RECORDED	6 FUNCTION PERCENT
		U. THURS	11121111		
A	Organizing & Planning	19	1.3435	7	36.84
B	Directing & Implementing	34	3.6468	19	55.88
C	Evaluating	21	0.9416	5	23.81
D	Training	18	1.3436	7	38.88
£	Working with Forms, Records, Reports, Directives or Technical Data	25	2.6871	14	56.00
F	Inspecting for Quality or Adherence to Technical Data	16	2.8791	15	93.75
G	Performing Gen. Maint. Sys. Line Maintenance Tasks	24	4.6065	24	100.00
H	Performing Gen. Com. Sys.Shop Maint. Tasks	33	6.1420	32	96.97
I	Repairing Com. Sys. Components	22	2.8790	15	68.18
J	Performing Flt Line C/O of Aircrew Communications Equipment	59	11.1324	58	98.30
K	<b>Performing</b> Fld Shop Maint, on Aircrew <b>Communications</b> Equipment	51	9.5969	50	98.04
L	Performing Flt Line C/O of ACP Radio Equipment	41	3.6468	19	46.34
M	Performing Flt Line C/O of ACP Com. Ancillary Equipment	45		0	00.00
N	Performing Flt Line C/O of ACP Associated Equipment	20	1.1516	6	30.00
0	Performing ACP Inflight Technician Operator Functions	9	0,3838	2	22.22
P	Performing Fld Shop Maint. of ACP Communications Components	58	3,4549	18	31.03
Q	Performing Com. Sys Analyzer 0&M Functions	26	1.3436	7	26.92
	TOTALS	521	57,1792	298	

Column 4 Relative Freq. (Proportions) =  $\frac{10. \text{ of Tasks Performed}}{10 \text{ tal Tasks}}$  e.g.  $\frac{7}{521}$  = 1.3435%

Column 5 Tasks Recorded = The number of OSI tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent (Proportion) = No. of Tasks Performed No. of Tasks Per Function e.g. 7 19 = 36.8422

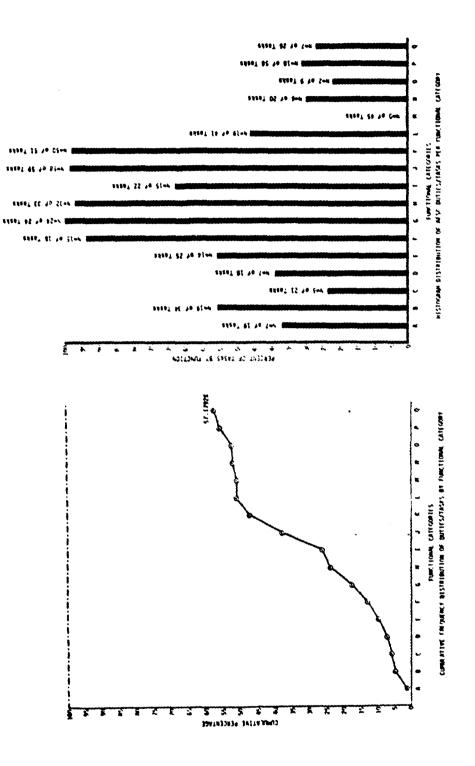


Figure 5 AFSC 32850 Avionics Communications Specialist

TABLE 5 SUIMARY
OF
OSI FUNCTIONAL TITLES/NOMENCLATURES

AFSC 0S1: 42350 Aircraft Electrical Systems Specialist Career Ladder

1	2	3 NUMBER	4 REL.	<b>5</b> TASKS	6 FUNCTION
FUNCTION	TITLES/NOMENCLATURES	OF TASKS	FREQ.(%)	RECORDED	PERCENT
A	Organizing and Planning	21	3.3018	14	66.66
В	Directing and Implementing	22	3.7736	16	72.72
С	Inspecting and Evaluating	22	3.5377	15	68.18
D	Training	20	2.3585	10	50.00
E	Preparing Forms, Records, or Reports	23	3.8387	20	86.96
F	Performing Quality Control	11	2.1226	9	81.81
G	Inspecting Aircraft Electrical Circuit	s 44	9.6698	41	93.18
н	Troubleshooting Aircraft Electrical Systems	44	10.3774	44	100.00
1	Bench Checking Conventional and Solid State Components	98	22.6415	96	97.96
J	Performing General Aircraft Electrical Shop Maintenance Tasks	95	22,1698	<b>6</b> 1	98.95
K	Maintaining Test Equipment	24	5.6603	24	100.00
	TOTALS	424	89.4517	383	

Column 4 Relative Freq. (Proportions) =  $\frac{\text{No. of Tasks Performed}}{\text{Total Tasks}}$  = e.g.  $\frac{14}{424}$  = 3.3018%

Column 5 Tasks Recorded - The number of OSI Tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent (Proportion) = No. of Tasks Performed e.g. 14 = 66.6666;

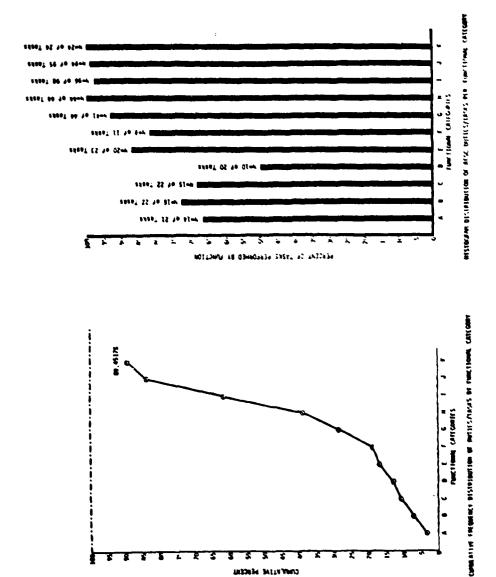


Figure 6 AFSC 42350 Aircraft Electrical Systems Specialist

TABLE 6 SUPMARY
OF
OSI FUNCTIONAL TITLES/NOMENCLATURES

AFSC OSI: 42351 Aircraft Environmental Systems Mechanic Career Ladder

1	2	3	4	5	6
FUNCTION	TITLES/NOMENCLATURES	NUMBER OF TASKS	REL. FREQ.(%)	RECORDED	FUNCTION PERCENT
A	Organizing and Planning	31	3.9402	29	93.55
8	Directing and Implementing	34	3.2608	24	70.59
C	Inspecting and Evaluating	27	1.4945	11	40.74
0	Training	22	1.4945	11	50.00
£	Maintaining Acft Combustion Heater Sys	. 11	1.4945	11	100.00
F	Maintaining acft Fire Extinguishing Sy	s 36	4.4837	33	91.66
6	Maintaining Acft Hisc. Equipment	70	0.8152	6	8.57
H	Maintaining Acft Oxygen Systems	77	10.3261	76	98.70
1	Maintaining Acft Press. Systems	44	4.2119	31	70.45
J	Maintaining Acft Turbine Driven Starte	rs 38	4.7554	35	92.11
K	Maintaining Air Turbine Motors (ATM)	10	1.3586	10	100.00
L	Maintaining Auxiliary Air Systems	82	5.9782	44	53.66
M	Maintaining Life Raft Inflation or Survival Equipment	22	2.0380	15	68.18
N	Maintaining Liquid Cycle Refrig. Syste	ms 12	1.4945	11	91,66
0	Maintaining Servicing or Category II Test Equipment	60	5.4347	40	66.66
P	Performing Air Cond. Sys Functions	76	9.9184	73	96.05
Q	Performing Bleed Air Distribution System Functions	51	6.6576	49	96.08
R	Performing General Shop Maintenance	'33	3.6685	27	81.82
	TOTALS	736	72.8253	536	

Column 4 Relative Freq. (Proportions) = No. of Tasks Performed e.g. 29 = 3.9402\*

Column 5 Tasks Recorded - The number of OSI tasks recorded on scatter diagram (step interval = 1)

Colum 6 Function Percent (Proportions) = No. of Tasks Performed e.g. 29 = 93.55%

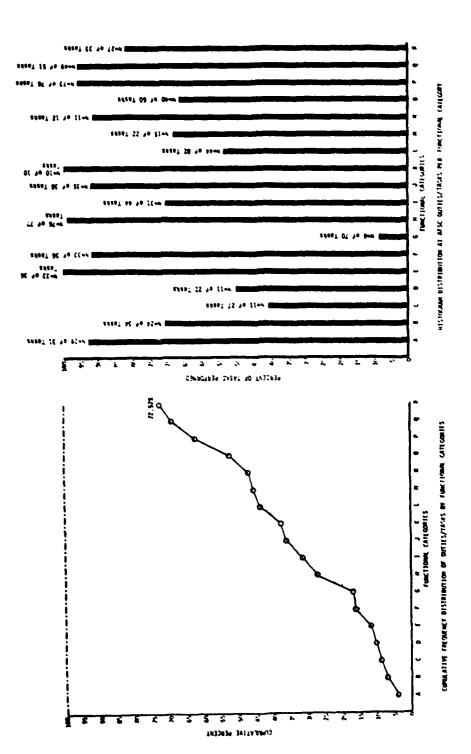


Figure 7 AFSC 42351 Aircraft Environmental Systems Repair Specialist

#### AFSC 42353 - (Aircraft Fuel Systems)<sup>8</sup>

Fifteen 42353 personnel were inventoried utilizing the Occupational Measurement Center occupational survey inventories. The OSI consisted of 11 major functions consisting of 297 tasks. Approximately 85% (84.8484%) of the 297 tasks are performed by one or more of the 5-skill level personnel. Analytical summaries of OSIs completed by these maintenance personnel are presented in Table 7. Figure 8 presents a cumulative frequency distribution and functional histogram distribution of results acquired during the Little Rock Air Force Base, Arkansas inventory. A correlation of .529 was determined to exist between tasks actually performed in the operational environment versus duties defined in AFM 39-1 and Lockheed developed systems requirements analysis data.

### AFSC 42354 - (Aircraft Pneudraulic Systems)9

Occupational Survey Inventories (OSIs) were completed by 11 5-skill level personnel. The OSI consisted of the 13 major functional areas described in Table 8 and consisted of 575 tasks. Over 55% (55.3022%) of the tasks are performed by one or more 5-skill level specialists. The cumulative frequency distribution patterns derived during data analyses are illustrated in Figure 9. Histogram distributions depicting relative task proportions accomplished within each of the 13 functional areas are also illustrated. The correlation between tasks/duties performed by this AFSC, when compared to subtask descriptions, defined in AFM 39-1 and Lockheed developed systems requirements analysis data, was .587.

### AFSC 42650 - (Aircraft Propeller Systems) 10

This OSI was completed by 24 propeller maintenance specialist personnel qualified at the 5-skill level. Analytical results are tabulated in Table 9 and illustrated in Figure 10. Specialists recorded that 409 of the 477 tasks (or 85.7%) outlined within the 11 major functional categories are accomplished by one or more 5-level specialists. A correlation coefficient of .534 between AFM 39-1 duties and Lockheed developed systems requirements analysis data versus duties actually performed within the operational environment was established.

TABLE 7 SUMMARY
OF
OSI FUNCTIONAL TITLES/NOMENCLATURES

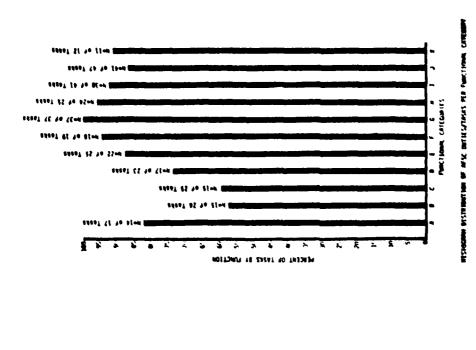
AFSC OSI: 42353 Aircraft Fuel Systems Mechanic Career Ladder (AFPT 90-424-107)

	(/// ) 50-424-10//				
1	2	3	4 REL.	5 TASKS	6 FUNCTION
FUNCTION	TITLES/NOMENCLATURES	NUMBER OF TASKS	FREQ.(%)		
A	Organizing and Planning	17	4.7138	14	82.35
В	Directing and Implementing	26	5.0505	15	57.69
C	Evaluating	25	5.0505	15	60.00
D	Training	23	5.7239	17	73.91
E	Maintaining Forms and Records	25	7.4074	22	88.00
F	Preparing Aircraft for Fuel Systems Maintenance	19	6.0606	18	94.74
6	Troubleshooting Aircraft Fuel Systems	37	12.4579	37	100.00
H	Inspecting Aircraft Fuel Systems	25	8.0808	24	96.00
I	Removing or Installing Fuel System Components	41	12.7946	38	92.68
J	Repair Aircraft Fuel Systems	47	13.8047	41	87.23
K	Performing Support Functions	12	3.7037	11	91.66
	TOTALS	297	84.8484	252	

Column 4 Relative Freq. (Proportions) =  $\frac{\text{No. of Tasks Performed}}{\text{Total Tasks}}$  e.g.  $\frac{14}{297}$  =  $\frac{4.7138}{100}$ 

Column 5 Tasks Recorded = The number of OSI tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent = No. of Tasks Performed e.g. 14 = 82.35%



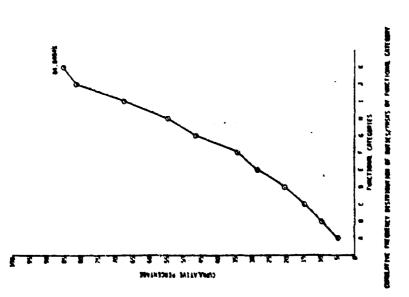


Figure 8 AFSC 42353 Aircraft Fuel Systems Mechanic

TABLE 8 SUMMARY
OF
OSI FUNCTIONAL TITLES/NOMENCLATURES

AFSC OSI: 42354 Aircraft Pneudraulic Systems Mechanic Career Ladder

	.(7011 30-421-2011				
1	2	3	4	5	6
FUNCTION	TITLES/NOMENCLATURES	NUMBER OF TASKS	REL.	TASKS RECORDED	FUNCTION PERCENT
		OF TAJAS	THEY ! THE		
A	Organizing and Planning	24	2.7826	16	66.66
B	Directing and Implementing	26	3.8260	22	84.62
C	Inspecting and Evaluating	22	2.6068	13	59.09
D	Training	23	0.6956	4	17.39
Ε	Working with Forms, Records, Reports and Technical Data	32	4.000	23	71.88
F	Inspecting Aircraft Installed Pneudraulic Systems	64	5.5652	32	50.00
G	Performing Operational Checks of Aircraft Pneudraulic Systems	65	4.3478	25	38.46
Н	Adjusting Pneudraulic Systems and Components	57	3.1304	18	31.58
1	Troubleshooting Aircraft Pneudraulic Systems	57	3.4783	20	35.08
J	Removing, Replacing, and Servicing Aircraft Pneudraulic Systems and Components	77	5.2174	30	38.96
K	Bench Checking Aircraft Pneudraulic Components	55	8,5217	49	89.09
Ł	Performing In-Shop Maintenance of Aircraft Pneudraulic Components	39	6,6087	38	97.44
M	Maintaining Shop and Aerospace Ground Equipment (AGE)	34	4.5217	26	76.47
	TOTALS	575	55.3022	316	

Column 4 Relative Freq. (Proportions) =  $\frac{\text{No. of Tasks Performed}}{\text{Total Tasks}}$  e.g.  $\frac{16}{575}$  = 2.7826%

Column 5 Tasks Recorded = The number of OSI tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent = No. of Tasks Performed No. of Tasks Per Function e.g. 16 = 66.6666%

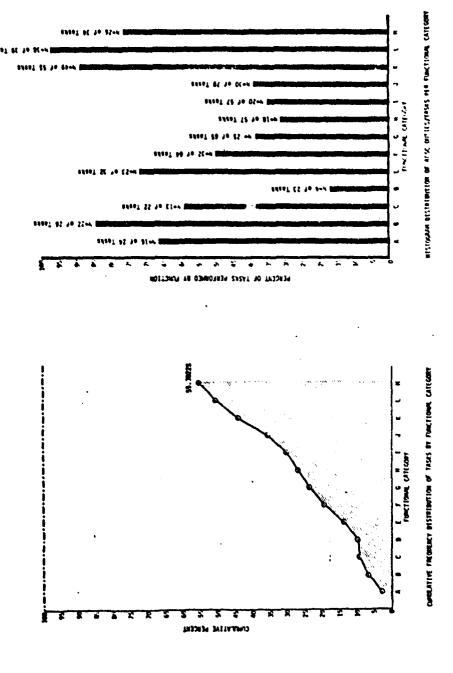


Figure 9 AFSC 42354 Aircraft Pneudraulic Repair Systems Mechanic

TABLE 9 SUIMARY
OF
OSI FUNCTIONAL TITLES/NOMENCLATURES

AFSC OSI: 42650 Aircraft Propeller Mechanic Career Ladder

1	2	3 NUMBER	4 REL.	<b>5</b> Tasks	6 FUNCTION
FUNCTION	TITLES/NOMENCLATURES	OF TASKS		RECORDED	PERCENT
A	Organizing and Planning	20	3.1446	15	75.00
B	Directing and Implementing	24	4.1929	20	83.33
C	Inspecting and Evaluating	24	2.3061	11	45.83
D	Training	22	1.0482	5	22.72
E	Maintaining Forms, Records, and Reports	18	3.7735	18	100.00
F	Performing Shop and Flight Line Safet	y 10	2.0964	10	100.00
6	Performing Flight Line Maintenance	121	24.3186	116	95.87
н	Performing In-Shop Assembly and Disassembly of Propellers	114	21.3836	102	89.47
1	Performing Maintenance Operating Check of Conventional Propellers	ks 26	4.8218	23	88.45
J	Performing Maintenance Operating Check on Turbopropellers	ks 26	5,4507	26	100.00
ĸ	Bench Checking and Repairing	72	13.2075	63	87.50
	TOTALS	477	85.7539	409	

Column 4 Relative Freq. (Proportions) = No. of Tasks Performed e.g. 15 = 3.1446:

Column 5 Tasks Recorded - The number of OSI tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent = No. of Tasks Performed e.g. 15 = 75.00%

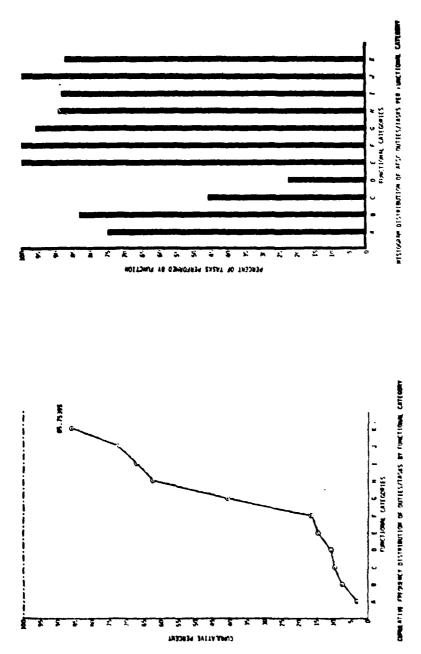


Figure 10 AFSC 42650 Aircraft Propeller Systems Mechanic

## AFSC 42652 - (Jet Engines) 11

Fifty 5-skill level jet engine mechanics were inventoried. The OSI consisted of 17 functional categories which included 415 distinct specialty tasks. Over 88% of 367 out of the 415 possible tasks were recorded as being performed by one or more AFS personnel. Results acquired during data analyses are tabulated in Table 10 and illustrated in Figure 11. A correlation of agreement between duties prescribed in AFM 39-1 and Lockheed developed systems requirements analysis data and actual operational duties equal to .579 was computed.

# AFSC 43151F - (Aircraft Maintenance) 12

Fifty 43151F aircraft maintenance personnel at Little Rock Air Force Base, Arkansas completed the 43151F/OS1. The inventory consisted of 23 major functional categories encompassing 977 individual tasks. Over 75% (76.6630%) or 749 out of the 977 tasks were performed by one or more of the 50 aircraft maintenance specialists inventoried. Results are tabulated in Table 11 and illustrated in Figure 12. A correlation of agreement between AFM 39-1 and Lockheed developed systems requirements analysis data and duties detailed in the OSI equal to .613 was established.

### AFSC 53154 - (Corrosion Control) 13

Twenty-one 53154 AFS personnel were inventoried. The OSI consisted of 13 applicable functional categories and encompassed 410 tasks. The OSI had three categories that were not applicable to aircraft systems, namely Functions N, O and P missile systems corrosion control. Forty-seven tasks contained within this inventory were not used in this study. Over 72% (72.1947%) or 296 out of a possible 410 tasks are performed by 5-level corrosion control personnel. Results of data analyzed within the 21 completed OSIs are tabulated in Table 12 and illustrated in Figure 13. A correlation between AFM 39-1 and Lockheed developed systems requirements analysis, versus actual duties performed at a Tactical Airlift Wing equal to .608 was computed.

#### CONCLUSIONS

"Lessons learned" during the planning implementation and analyses of task data enable the formulation of the following conclusions:

TABLE 10 SUITERRY OF OSI FUNCTIONAL TITLES/NOMENCLATURES

AFSC OSI: 42652 Jet Engine Mechanic Career Ladder (AFPT 90-432-054)

	(AFPT 90-432-054)				
1	2	3	4	5	6
FUNCTION	TITLES/NOMENCLATURES	NUMBER OF TASKS	REL. FREQ.(5)	TASKS RECORDED	FUNCTION PERCENT
A	Planning and Organizing	30	6.5060	27	90.00
В	Directing and Implementing	27	6.024	25	92.59
C	Evaluating	17	3.3735	14	82.35
D	Training	20	4.3373	18	90.00
E	Preparing Forms, Records, or Reports	30	6.7469	28	93.53
F	Inspecting and Performing Q/C	21	5.0602	21	100.00
	Performing Flt Line Maintenance on Jet Engines	40	9.6385	40	100.00
	Performing Intermediate Maintenance on Jet Engines	63	14.6988	61	96.83
1	Preserving and Depreserving Engines and Components	27	6.5060	27	100.00
J	Performing Balance Shop Functions	22	4.0964	17	77.27
K	Performing Engine Test Stand Functions	25	5.7831	24	96.00
L	Performing Engine Trim Pad Functions	17	3.6144	15	88.23
M	Repairing & Maintaining Small Gas Turbine Engines (SGTS)	9	2.1686	9	100.00
	Maintaining Starters & Starter Test Stands	18	4.0964	17	94.44
0	Performing Spectrometric Oil Analysis	15	0.9638	4	26.66
P	Maintaining & Repairing Test Eqmt & Special Tools	23	2.1687	9	39.13
Q	Performing Supply Functions	11	2.6506	11	100.00
	TOTALS	415	88.4333	367	

Column 4 Relative Freq. (Proportions) =  $\frac{\text{No. of Tasks Performed}}{\text{Total Tasks}}$  e.g.  $\frac{27}{415}$  =  $\frac{6.50602}{6.50602}$ 

Column 5 Tasks Recorded = The number of OSI tasks recorded or scatter diagram (step interval = 1)

Column 6 Function Percent (Proportions) = No. of Tasks Performed e.g.  $\frac{27}{30}$  =  $\frac{90.002}{0.002}$ 

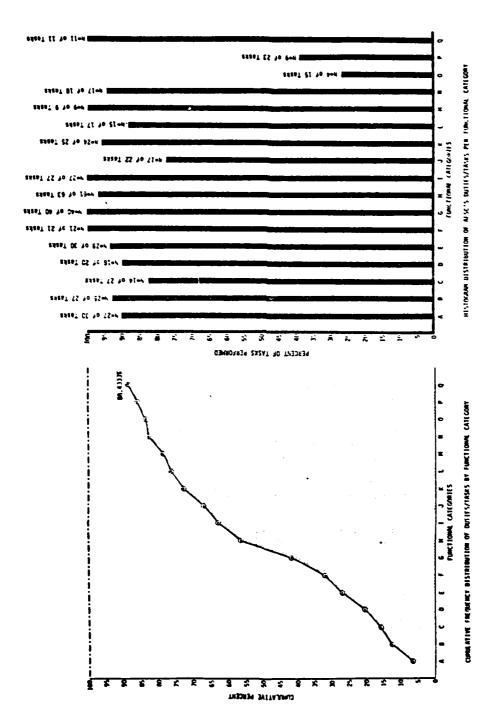


Figure 11 AFSC 42652 Jet Engine Mechanic

TABLE 11 SUMMARY
OF
OST FUNCTIONAL TITLES/NOMENCLATURES

AFSC OSI: 43151F Aircraft Maintenance Specialist Career Ladder (AFPT 90-431-210)

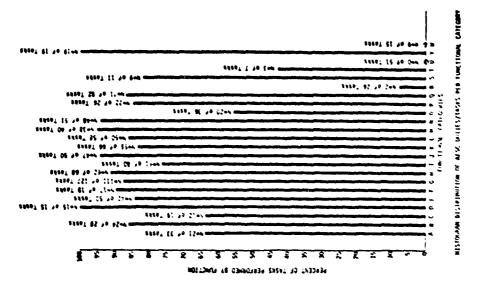
1	2	3	4	5	6
FUNCTION	TITLES/NOMENCLATURES	NUMBER OF TASKS	REL. FREQ.(%)	TASKS RECORDED	PERCENT
A	Organizing and Planning	33	2,1493	21	63.64
Ð	Directing and Implementing	28	2,4565	24	85.71
C	Inspecting and Evaluating	19	1,2282	12	63.16
0	Training	15	1,5353	15	100.00
E	Maintaining Forms and Records	50	4,2989	42	84.00
F	Performing Supply Functions	19	1,7400	17	89.47
G	Performing Gen. Acft Maintenance	127	11,3613	111	87.40
H	Performing Grd Handling of Aircraft	68	6.3459	62	91.18
I	Maintaining Landing Gear Systems	80	6,2436	61	76.25
J	Maintaining Utility Systems	50	4.8106	47	94.00
K	Maintaining Flight Control Systems	66	6,6295	55	83.33
L	Maintaining Fneudraulic Systems	58	5.1137	50	86.21
M	Maintaining Electrical Systems	40	3.8895	38	95.00
N	Maintaining Fuel Systems	51	4.9130	48	94.12
0	Maintaining Non-Powered AGE	36	2.0471	20	55.55
P	Maintaining 780 Equipment	26	2.2518	22	84.62
Q	Performing Ge. Engine Maintenance	82	7,2671	71	86.59
R	Maintaining Reciprocating Engines	26	0.2047	2	7.69
S	Maintaining Turbo-Propeller Engines	11	0.9212	9	81.82
T	Maintaining Turbo-Jet Engines	7	0.3071	3	42.86
U	Maintaining Tow Targets	51		0	00.00
٧	Maintaining Aerial Delivery Systems	19	1,9447	19	100,00
W	Maintaining In-Flt Refueling (IFR) Sys	15		0	00.00
	TOTALS	977	76.6630	749	

Column 4 Relative Freq. (Proportions) = No. of Tasks Performed e.g. 21 = 2.14938

Column 5 Tasks Recorded = The number of OSI tasks recorded on scatter diagram (step interval = 1)

Column 6 Function Percent (Proportions) - No. of Tasks Performed Proportion 8.9. 21 - 63.64:

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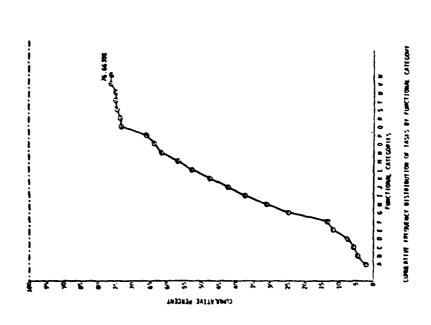


Figure 12 AFSC 43151F Aircraft Maintenance Mechanic

# TABLE 12 SUMMARY OF OSI FUNCTIONAL TITLES/NOMENCLATURES

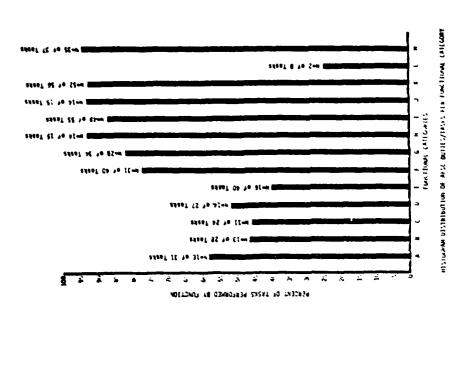
AFSC OSI: 53154 Corrosion Control Specialist Career Ladder (AFPT 90-535-149)

1	2	3	4	5	6
FUNCTION	TITLES/NOMENCLATURES	OF TAS		TASKS RECCRDED	FUNCTION PERCENT
A	Organizing and Planning	31	4.3902	18	58.06
В	Directing and Implementing	28	3.1707	13	46.43
C	Inspecting and Evaluating	24	2,6829	11	45.83
D	Training	27	3.4146	14	51.86
E	Working with Forms, Records, Reports, Directives, & Technical Data	40	3.9024	16	40.00
F	Performing Gen. Corr. Control Function	s 40	7,5609	31	77.50
G	Washing Acft and AGE	34	6,8293	28	82.35
H	Inspecting Acft, AGE & Missile Fac.	15	3.4146	14	93.33
1	Removing Corr. & Protective Coatings	55	11.7013	48	87.27
J	Treating & Preparing Metal Surfaces	15	3,4146	14	93.33
K	Applying Protective Coating Systems	56	12,6829	52	92.86
L	Performing & Practicing Disaster Preparedness Functions	8	0.4878	2	25.00
M	Maintaining Corrosion Control Eqmt.	37	8.5365	35	94.59
N	Performing Missile Dispatch Functions	8	(N/A) - Mis	sile Syste	ems
0	Performing Minuteman Corr. Control Fun	c. 18	(N/A) - Mis	sile Syste	ems
P	Performing Titan Missile Corrosion Control Functions	21	(N/A) - Mis	sile Syste	ems
	TOTALS	457	72.1947	296	
	TOTAL	410	Applicable T	asks	
	No. of	Tasks	Performed	18	

Column 4 Relative Freq. (Proportions) = No. of Tasks Performed e.g. 18 = 4.3902%

Column 5 Tasks Recorded - The number of OSI tasks recorded on <ratter diagram (step interval = 1)

Column 6 Function Percent (Proportions) =  $\frac{No. \text{ of Tasks Performed}}{No. \text{ of Tasks Per Function}}$  e.g.  $\frac{18}{31}$  = 58.06%



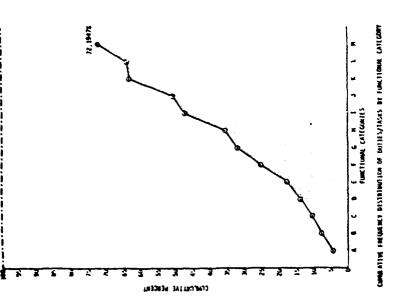


Figure 13 AFSC 53154 Corrosion Control Specialist

- Acquisition of data describing actual tasks or duties performed by maintenance or operations Air Force specialty (AFS) personnel is wholly dependent upon the cooperation of the cognizant commander (e.g., Deputy Commander for Maintenance).
- Acquisition of duty/task data of any AFS, is best implemented under the "capture system" wherein each specialist completes his respective task inventory under the direct supervision of a test controller.
- 3. Although the correlations noted in Table 1 are statistically significant beyond the .05 level of confidence, the large discrepancies noted between the dependent variable (AFM 39-1 and Lockheed developed systems requirements analysis data) and independent variable (tasks actually performed) permit the following conclusions:
  - a. AFM 39-1, Enlisted Personnel Airman Classification Manual, job descriptions and systems requirement analysis data serve as poor planning specifications when developing Personnel Planning Information (PPI) on new or modified USAF systems.
  - b. Training Planning Information, Training Personnel Requirements and Unit Detailed Listings developed from PPI data should be comprehensive and accurate.
  - c. Future PPI data development by contractors and others should utilize AFM 39-1 and AFM 36-1 (Officer Classification Manual)<sup>14</sup> as planning guides, but should be augmented by extensive data derived from operational work centers performing within the requirements of AFM 66-1 (Maintenance Management)<sup>15</sup> criteria.
  - d. Manpower estimates provided by contractors to future weapon systems, system program offices (SPOs) and Using Commands should be sensitive to manpower impacts at individual work centers. Section V of Qualitative and Quantitative Personnel Requirements Information documents (a part of PPI) alluding to manpower changes due to new and/or system modifications should define explicit manpower changes by AFS and individual work centers.

- 4. Skill-level-5 Air Force specialists have been frequently referred to as the maintenance backbone of the USAF Approximately 74% (73.769%) of the 6294 duties and tasks (or 4643 tasks) contained within the 11 OSIs are performed by 5-level maintenance personnel. This percent of tasks accomplished by the 5-level airman partially supports the initial premise statement.
- 5. Aerospace contractor agencies at the weapon system planning level should be aware of the organizational and management structure existent within aircraft weapon system Using Commands.

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- 14. Air Force Manual 36-1, "Office Classification Manual," | September 1976.
- 15. Air Force Manual 66-1, Volumes I through VI, "Maintenance Management" January 1974.

# ABBREVIATIONS/ACRONYMS

AFB	Air Force Base
AFHRL	Air Force Human Resources Laboratory
AFM	Air Force Manual
AFS	Air Force Specialist
AFSC	Air Force Specialty Code
AFSC	Air Force Systems Command
ATC	Air Training Command
ATM	Air Training Command Air Turbine Motors
AIM .	Air lurbine motors
CDRL	Contract Data Requirements List
HWSA	Historical Weapon Systems Analysis
IAW	In Accordance With
İFR	In-Flight Refueling
***	In-111ght Kerdering
LAFB	Lackland Air Force Base, Texas
LCC	Life Cycle Cost
LRAFB	Little Rock Air Force Base, Arkansas
LS&S	Logistics Support and Services
****	
MAC	Military Airlift Command
MAFB	McChord Air Force Base, Washington
MAW	Military Airlift Wing
MPC	Military Personnel Center
N/A	Not Applicable
O&M	Operations and Maintenance
0&S	Operations and Support
OSI	Occupational Survey Inventory
OSR	Occupational Survey Report
	Total Carray Neport
PACS	Pilot Assist Cable Servo System
QC	Quality Control
SGTS	Small Gas Turbine System
SP0	System Program Office
STINFO	System Program Office Scientific Technical Information
TAW	Tactical Aimlift Wins
T.O.	Tactical Airlift Wing Technical Order
	Technical Order Technical Report
TR	recuircar Report
USAF	United States Air Force
W/S	Weapon System

# APPEXDIX A AIRMAN AIR FORCE SPECIALTY DUTIES AND RESPONSIBILITIES

#### **\*AUTOMATIC FLIGHT CONTROL SYSTEMS SPECIALIST**

#### 1. SPECIALTY SUMMARY

Inspects, troubleshoots, removes, repairs, installs, adjusts, and modifies automatic flight control systems, components, and test equipment.

#### 2. DUTIES AND RESPONSIBILITIES

- a. Performs inspection and maintenance on automatic flight control systems: Inspects, checks, troubleshoots, and performs maintenance and special inspections on automatic flight control systems including autopilot amplifiers; yaw computers; yaw, pitch, and roll dampeners; gyros and accelerometers; automatic trim; servos and follow-up mechanisms; remote compass transmitters and indicators; and drive assemblies. Checks for proper automatic flight control systems response from signal sources such as compass or attitude reference; pilot's controls; fire control systems; ILS; and other associated systems. Diagnoses automatic flight control systems operational malfunctions and determines cause by using appropriate circuit diagrams and test equipment. Makes appropriate entries in aircraft forms.
- b. Repairs and maintains automatic flight control systems: Troubleshoots and isolates system malfunctions. Removes automatic flight control systems malfunctioning units
- and replaces with serviceable units. Disassembles, repairs, and reassembles malfunctioning automatic flight control systems components. Performs adjustments and calibration checks to insure optimum operating efficiency of repaired assemblies. Adjusts and calibrates the automatic flight control systems, including responses and nulls about the control axis of pitch, roll, and yaw, automatic trim and gain changer circuitry, attitude stabilization, and attitude and Mach control circuits, using prescribed test equipment to include automatic tape programmed test equipment and compass calibrators.
- c. Supervises automatic flight control systems personnel: Assigns maintenance functions to subordinates and observes performance to insure compliance with local procedures and applicable technical publications. Instructs subordinates in automatic flight control systems operational performance, operational checks, and proper utilization of applicable tools and test equipment.

#### 3. SPECIALTY QUALIFICATIONS

#### a. Knowledge:

(1) Knowledge of electronic principles and solid state devices as applied to the operational maintenance of automatic flight control systems; and use and interpretation of

logic circuits, signal data flow, wiring diagrams, component schematics, and technical publications is *mandatory*. Possession of mandatory knowledge will be determined in accordance with AFM 35-1.

- (2) Knowledge of mechanical principles and aircraft flight characteristics is desirable.
- b. Education: Completion of high school with courses in physics and mathematics is desirable.
- c. Experience: Experience in functions such as installation, test, inspection, repair, and overhaul of automatic flight control systems is mandatory.
- d. Training: Completion of a basic automatic flight control systems course is desirable.

#### e. Other:

- (1) Normal color vision as defined in AFM 160-1 is mandatory.
- (2) A minimum aptitude level of Electronic 80 is mandatory.

a. Grade Spread:	Electronics Mechanic828.281
Sergeant and staff sergeant32550	c. Related DOD Occupational Subgroup:
Airman first class32530	102
b. Related D.O.T. Job:	

# AIRMAN AIR FORCE SPECIALTY AVIONICS INSTRUMENT SYSTEMS SPECIALIST

### 1. SPECIALTY SUMMARY

Installs, inspects, repairs, operates, troubleshoots, overhauls, and modifies avionic instruments, avionics instrument systems, components, and test equipment.

#### 2. DUTIES AND RESPONSIBILITIES

s. Performs preventive maintenance on electronic/transistorized instruments and instruments systems: Inspects and tests electrical, electronic/transistorized instrument systems and component parts; mechanical flight and engine instrument systems; flight data recorder systems; central air data computer systems, including component parts such as computers, compensators, converters, and sensors; and gyro stabilized attitude reference and flight director indicating systems and components, such as gyro displacement platforms, compass adapters, attitude director indicators, horizontal situation indicators, computers, power supplies, amplifiers, and rate gyroscopes. Records instrument scale readings and computes instrument tolerances during operational checks.

b. Installs, repairs, troubleshoots, overhauls, and modifies electrical, electronic/ transistorized, and mechanical instruments and instrument systems: Checks components for serviceability prior to installation. Repairs and replaces faulty wiring, electrical connectors, and pressure connections to components and systems. Troubleshoots and repairs central air data computer, flight data

recorder, flight director, and attitude reference systems to insure correct output for related integrated systems. Analyzes, isolates, and repairs instrument systems and component malfunctions using circuit diagrams and test equipment, such as pitot-static testers, barometers and manometers, gyroscopic instrument testers, frequency counter, digital voltmeters, and specialized instrument systems testers and analyzers. Maintains and calibrates instrument systems test equipment as outlined in applicable technical directives. Swings and compensates gyro magnetic compasses. Aligns, balances, calibrates, and adjusts repaired assemblies and systems. Accomplishes modification of components and systems.

c. Supervises avionics instrument systems personnel: Assigns maintenance and operation tasks. Observes performance to insure compliance with directives and applicable technical publications. Instructs subordinates in techniques of installation, maintenance, and repair of instruments and instrument systems. Conducts on-the-job training and demonstrates use of tools and equipment.

#### 3. SPECIALTY QUALIFICATIONS

a. Knowledge: Knowledge of theory and application of electronic principles; interpretation and application of mechanical drawings and wiring diagrams in relation to mechanical functions and electronic circuits; theory and application of servo-amplifiers; functional value of differential gearing; use,

care, and interpretation of testing and measuring devices; and principles of power and motion transmission by electrical and mechanical means is mandatory. Possession of mandatory knowledge will be determined in accordance with AFM 35-1.

b. Education: Completion of high sch ?

with courses in physics and mathematics is desirable.

- c. Experience: Experience in functions such as installation, testing, inspection, repair, and overhaul of instrument systems and components is mandatory.
  - d. Training: Completion of a basic avion-

ics instrument systems course is desirable.

- e. Other:
- (1) Normal color vision as defined in AFM 160-1 is mandatory.
- (2) A minimum aptitude level of Electronic 80 is mandatory.

a. Grade Spread:	Electronics Mechanic 828.281
Sergeant and staff sergeant 32551 Airman first class 32531	Systems Tester 729.381 c. Related DOD Occupational Subgroup:
b. Related D.O.T. Jobs:	198

#### **AVIONIC COMMUNICATIONS SPECIALIST**

#### 1. SPECIALTY SUMMARY

Installs, maintains, modifies, troubleshoots, and repairs avionic communications equipment and test equipment.

#### 2. DUTIES AND RESPONSIBILITIES

- a. Performs preventive maintenance on avionic communications equipment. Inspects and tests avionic communications systems at specified intervals to locate defective components or interconnections. Adjusts or replaces defective components. Turns on equipment sets controls in various operating positions, and evaluates equipment performance, using applicable test equipment and technical orders.
- b. Instalk avionic communications equipment. Checks equipment visually and by use of test equipment for serviceability before installation. Assembles, connects, and interwires system components. Conducts detailed test of installed equipment for compliance with technical orders. Places in operation, and tunes, adjusts, and aligns components to obtain maximum operating efficiency.
- c. Repairs avionic communications equipment. Isolates troubles in inoperative or malfunctioning equipment through prescribed TO checkout procedures. using peculiar or common test equipment. Repairs communications equipment such as HF transceivers. transmitters, and receivers; interphone; VHF AM and FM, UHF transceivers, UHF ADF, emergency radios,
- data link, and crash position indicators, using small handtools, soldering equipment, and common and peculiar test equipment. Tunes and adjusts avionic communications components according to technical orders, manufacturers' handbooks, and local procedures. Accomplishes routine modification of equipment according to modification work orders and TCTOs. Performs progressively more difficult testing and repair duties as specifically directed.
- d. Maintains inspection and maintenance records. Posts entries on applicable maintenance and inspection forms and records. Completes maintenance data collection forms. Recommends methods to improve equipment performance and maintenance procedures.
- e. Supervises avionic communications revair personnel. Assigns work and reviews completed repairs to insure compliance with local procedures and applicable technical publications. Instructs subordinates in techniques of installation, maintenance, and repair of avionic communications equipment. Insures personnel are aware of appropriate procedures prescribed by USAF maintenance management and safety directives.

#### 3. SPECIALTY QUALIFICATIONS

#### a. Knowledge:

- (1) Knowledge of theory of electronics and radio, including theory of transistors and solid state components; digital techniques; and interpretation of technical orders, wiring diagrams, and schematic drawings is mandatory. Possession of mandatory knowledge will be determined according to AFR 35-1.
- (2) Knowledge of radar and computer electronic principles is desirable.
- b. Education. Completion of high school with courses in physics and mathematics is desirable.
- c. Experience. Experience in functions such as testing, tuning, adjusting, maintaining, or repairing avionic communications equipment; applying theory of electricity and radio to maintenance and repair of avionic communications equipment; and use of specialized test equipment is mandatory.

#### d. Training:

- (1) Completion of a basic avionic communications maintenance course is desirable.
- (2) Completion of an airborne command post equipment maintenance course is desirable for award of suffix "A."

#### we. Other:

- (1) Normal color vision as defined in AFM 160-1 is mandatory.
- (2) A Secret security clearance according to AFR 205-32 is mandatory for award of this AESC. Access certification for Secret information is mandators for performance of duties under this AFSC unless duties warrant administrative withdrawal or downgrading or access, without prejudice, according to AFR 205-32.
- (3) Minimum qualification as AFSC 32850 is mandatory for entry into training for award of sutfix " \

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(4) A minimum aptitude level of Electronic 80 is mandatory.

(5) A Top Secret security clearance according to AFR 205-32 is mandatory for award of suffix "A". Access certification for Top Secret information is

mandatory for performance of duties under this suffix unless duties warrant administrative withdrawal or downgrading of access, without prejudice, according to AFR 205-32.

#### 4. SPECIALTY DATA

w a. Grade Spread:	b. Related D.O.T. J	obs:
Airman first-class through	Radio Repairma	n 720.281
staff sergeant 32	50 Radio Mechanic	823.281
Airman first-class 32	30 c. Related DOD Oc	cupational Subgroup: 101

#### 5. \*SPECIALTY SHREDOUTS

Suffix	Portion of AFS to Which Related
<b>A</b>	Airborne Command Post
	Communications Equipment
	Repairman

#### \* AIRCRAFT ELECTRICAL SYSTEMS SPECIALIST

#### 1. SPECIALTY SUMMARY

Troubleshoots, inspects, installs, repairs, modifies, and overhauls aircraft electrical systems and associated electronic components, subsystems, and test equipment.

#### 2. DUTIES AND RESPONSIBILITIES

- a. Inspects, troubleshoots, installs, and maintains aircraft electrical systems, components, subsystems, and test equipment. Visually and operationally tests DC and AC power, landing gear, inition, starting, lighting, anti-skid, nose-wheel steering, nesa glass, electronic engine controls, static and rotary inverters, master caution, take-off warning, flight controls, fire and overheat warning, and fuel control systems. Uses applicable test equipment and publications to identify system and component malfunctions. Repairs and returns system and component to maximum efficiency consistent with design characteristics. Adjusts, aligns, calibrates, and services electrical and associated electronic systems, components, and test equipment such as DC and AC generators, voltage regulators, frequency and load controllers, relays, switching devices, constant speed drives, control and protection panels, inverters, and special equipment testers and power system load and monitoring devices to obtain maximum operating efficiency according to applicable technical publications.
- b. Repairs, modifies, and overhauls aircraft electrical systems and associated electronic components, subsystems, and test equipment. Repairs, modifies, and overhauls electrical and solid state voltage regulators, control panels, protection panels, frequency and load controllers, static inverters, caution and warning panels, nose wheel steering and anti-skid amplifiers, nesa glass

- controllers, miniature modules, audible warning detectors, engine fuel and nozzle amplifiers, asymmetry detectors, transformer rectifiers, generators, actuators, relays, timing and sensing devices, lighting equipment, batteries (alkaline and lead acid), fire detectors, motors, rotary inverters and special equipment testers such as generator, actuator, inverter, battery charger analyzer, and power supplies according to technical publications. Repairs, modifies, and overhauls electrical components of powered aerospace ground equipment that is beyond the user's capability. Fabricates and modifies aircraft electrical wiring.
- c. Maintains inspection and maintenance records. Posts entries on applicable maintenance and inspection records. Completes maintenance data forms. Recommends methods to improve equipment performance and maintenance procedures.
- d. Supervises aircraft electrical systems maintenance personnel. Assigns work to subordinates and reviews completed repairs to insure compliance with local procedures and applicable technical publications. Instructs subordinates in the proper installation, operation, and repair of electrical systems and associated test equipment. Demonstrates the proper use of special tools and test equipment. Insures personnel adhere to appropriate procedures prescribed by USAF maintenance management directives.

#### 3. SPECIALTY QUALIFICATIONS

- a. Knowledge. Knowledge of electrical, electronic, and mechanical principles as applied to aircraft and associated ground equipment electrical systems; and use of blueprints, diagrams, and technical publications is mandatory. Possession of mandatory knowledge will be determined according to AFR 35-1.
- b. Education. Completion of high school with a course in basic electronics and mathematics is desirable.
  - c. Experience:
- (1) Experience in functions such as, maintenance or repair of aircraft electrical and electronic

- control systems and components, is mandatory.
- (2) Experience in functions such as the supervision of operation of an aircraft electrical systems maintenance activity is desirable.
- b. Training. Completion of a basic aircraft electrical systems maintenance course is desirable.
  - e. Other:
- (1) Normal color vision as defined in AFM 160-1 is mandatory.
- (2) A minimum aptitude level of Electronic 50 is mandatory.

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a. Grade Spread: Airman first-class through staff sergeant	b. Related D.O.T. Job: Electrician, Airplane 825.281
	c. Related DOD Occupational Subgroup: 602

#### **AIRCRAFT ENVIRONMENTAL SYSTEMS MECHANIC**

#### \* 1. SPECIALTY SUMMARY

Installs, inspects, repairs, operates, troubleshoots, overhauls, and modifies aircraft oxygen, heating, air conditioning, cabin pressurization, anti-icing, air turbine, engine bleed air distribution, and fire extinguisher systems, components, and associated equipment; services, inspects, overhauls, and recharges life raft inflation equipment; and performs intermediate maintenance on cryogenic storage containers.

#### 2. DUTIES AND RESPONSIBILITIES

- a. Performs preventive maintenance on aircraft environmental systems. Inspects and tests aircraft oxygen systems and components such as oxygen converters, regulators, pressure reducing valves, relief valves, filler valves, flow indicators, and pressure gauges; air conditioning systems and components such as flow control valves, shut-off valves, heat exchangers, cooling turbines, electrical, electronic temperature regulators, temperature sensing devices, temperature control valves, transducers, and water separators; cabin pressurization systems and components such as pressure controllers, outflow valves and safety valves; combustion heater systems and components such as heaters, ignition units, fuel solenoids, fuel filters, fuel pressure regulators, fuel metering devices and temperature controls; anti-icing systems and components such as air pressure and flow regulators; air shut-off valves, temperature controls, and temperature sensing devices; air turbine motors and components such as shut-off valves, modulating valves, speed control governors, and overspeed mechanisms; engine bleed air distribution systems and components such as check valve, shut-off valves, filters, and ducting, **air**, combustion, and cartridge type turbine driven engine starters and system components; and fire extinguishing systems and components such as cylinders and control valves. Inspects and replaces wiring and electrical connectors to aircraft environmental systems components. Inspects for and treats corrosion on aircraft environmental systems and components.
- b. Installs, repairs, overhauls, and modifies aircraft environmental systems. Removes, repairs, and replaces components of aircraft oxygen, air conditioning, cabin

- pressurization, combustion heater, engine bleed air distribution, fire extinguisher, and air turbine drive systems. Disassembles unit and examines parts for damage and for possible causes of malfunction. Makes operational checks, tests and troubleshoots environmental systems and components using electrical and electronic meters and test equipment such as manometers, flowmeters, cabin pressure leak testers, cabin temperature control system testers, combustion heater testers, cabin pressure calibrator sets, air conditioning valve test panels and calibrator sets, bellows deflection testers, anti-G suit valve testers, thermal switch testers, air turbine motor testers, oxygen regulator test stands, liquid oxygen accessories test stands, and liquid oxygen system field testers. Services, inspects, overhauls, and recharges life raft inflation equipment. Calibrates and adjusts repaired assemblies and systems. Accomplishes modifications of components and systems.
- \*c. Performs intermediate maintenance on cryogenic storage containers. Maintains and repairs mobile and skid mounted oxygen/nitrogen storage containers; removes and replaces valves and gauges; and performs vacuum and purge checks according to applicable technical publications.
- d. Supervises aircraft environmental systems maintenance personnel. Assigns maintenance and operation tasks to subordinates. Observes performance to insure compliance with directives and applicable technical publications. Instructs subordinates in techniques of installation, maintenance, and repair of aircraft environmental systems.

#### 3. SPECIALTY QUALIFICATIONS

a. Knowledge. Knowledge of electrical, electronic and mechanical principles as applied to fabrication, operation, and maintenance of aircraft pressurization, air conditioning, heating, engine bleed air distribution, air

turbine, oxygen, fire extinguisher and anti-icing system and components, and life raft inflation component; aruse and interpretation of wiring diagrams, bluepta, and technical publications is mandatory. Possession

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mandatory knowledge will be determined according to AFR 35-1

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- b. Education. Completion of high school with courses in general science or mechanics is desirable.
- c. Experience. Experience in functions such as installation, maintenance, or repair of aircraft environmental systems is mandatory.
- d. Training. Completion of a basic aircraft environmental systems maintenance course is desirable.
  - e. Other:
- (1) Normal color vision as defined in AFR 160-43 is mandatory.
- (2) A minimum aptitude level of Mechanical 40 is mandatory.

a. Grade Spread:	b. Related D.O.T. Jobs:
Airman first-class through	Oxygen-System Tester 806.381
staff sergeant 42351	Air-Conditioning Mechanic 620.281
Airman first-class 42331	c. Related DOD Occupational Subgroup: 602

#### **\*AIRCRAFT FUEL SYSTEMS MECHANIC**

#### 1. SPECIALTY SUMMARY

Removes, repairs, inspects, installs, and modifies aircraft fuel systems to include integral fuel and water cell tanks, external tanks, and associated hardware and equipment.

#### 2. DUTIES AND RESPONSIBILITIES

- a. Determines maintenance requirements on structural sealing and tank repair. Locates leaks in integral sealed tanks, fuel and water cells, and external tanks by approved testing methods and procedures outlined in applicable technical publications. Determines location of leaks by visual inspection or by removing closure panels and using approved leak tracing methods. Determines scope and complexity of repairs by consulting technical orders and engineering instructions.
- b. Performs maintenance on fuel tanks and cells. Drains fuel from tanks and cells and purges tanks. Removes access panels. Removes, disassembles, repairs, reassembles, and installs components. Removes, repairs, and tests cells. Repairs and tests tanks. Cleans cavities and inspects for foreign objects, corrosion, deterioration, and fungus. Installs cells in cavities using necessary support devices. Cleans and seals critical areas.
- c. Inspects and repairs aircraft fuel systems Inspects surfaces for fuel seepage and presence of fuel odors. Applies sealant in correct proportion by brushing, filleting, and injection to assure proper curing and adequate coverage. Applies protective topcoat sealants, insures proper cure of installed sealants as demanded by environmental conditions according to technical orders.
- d. Supervises aircraft fuel systems mechanics. Assigns maintenance and repair functions to subordinates and observes performance to insure compliance with local procedures and applicable technical publications. Instruct subordinates in techniques of maintenance, repair, and installation of aircraft fuel systems and related components. Demonstrates the proper use of special tools and test equipment. Insures personnel adhere to appropriate procedures prescribed by USAF maintenance management publications.

#### 3. SPECIALTY QUALIFICATIONS

- a. Knowledge. Knowledge of internal hardware such as interconnects, lines, valves, gauges, controls, pumps, and other attachments; sealing material characteristics; sheet metal parts; rubber products; and application and curing of organic sealing compounds and cement is mandatory. Possession of mandatory knowledge will be determined according to AFR 35-1.
- **b.** Education, Completion of high school with courses in general science or physics is desirable.
  - c. Experience:
    - (1) Experience in functions such as installation,

- repair, or modification of aircraft fuel systems is mandatory.
- (2) Experience in functions such as record preparation and management techniques is desirable.
- d. Training. Completion of a basic aircraft fuel systems maintenance course is desirable.
  - e. Other:
- (1) Normal color vision as defined in AFM 160-1 is mandatory.
- (2) A minimum aptitude level of Mechanical 40 is mandatory.

#### 4. SPECIALTY DATA

#### \* AIRCRAFT PNEUDRAULIC SYSTEMS MECHANIC

#### 1. SPECIALTY SUMMARY

Inspects, troubleshoots, installs, repairs, overhauls, and modifies aircraft pneumatic/hydraulic, in-flight refueling systems, and associated pneumatic/hydraulic aerospace ground equipment.

#### 2. DUTIES AND RESPONSIBILITIES

a. Performs preventive maintenance on aircraft, in-flight refueling systems; and ground support equipment pneumatic/hydraulic systems. Accomplishes periodic and special inspections on pumps, accumulators, reservoirs, valves, cylinders, brakes, wheels, shock absorber struts, filters, shimmy dampers. control surface booster units, flying boom assembly and related equipment. Observes for air, inert gas or fluid leaks in reservoir, cracks and external damage, and security of mounting. Checks brakes for sponginess, cracked and chipped linings, clearance, warped discs, and accumulator air pressure. Checks components and subassemblies for operation, adjustment, pressures, internal leakage, external leaks under pressure, sychronization, and sequencing, using portable test stand for power supply. Removes, installs, and services aircraft pneumatic/hydraulic systems, in-flight refueling systems, and related ground equipment.

b. Installs and repairs aircraft pneumatic/hydraulic end in-flight refueling components and ground equipment pneumatic/hydraulic components. Dissassembles, cleans, repairs, assembles, and tests pneumatic/hydraulic and in-flight refueling accessories. Removes covers, poppets, springs, cam seals, pistons, valves, and valve seats. Examines parts for wear, scratches, cracks, and damage. Inspects seals, gaskets, and hose for tears, nicks, and other damage. Inspects equipment removed from storage for condition and any obvious damage. Resurfaces valve seats and valves. Hones and polishes cylinders and pistons to remove scratches and to assure fit. Replaces bushings, bearings, and bearing sleeves. Reworks parts of systems and their components, including landing gear, wing flaps, cowl flaps, carbuietor air inlet doors, bomb doors, windshield wipers, shock struts, brakes, flying boom assembly, jacking equipment aerostands, and portable hydraulic test stands. Reconditions and tests pneumatic/hydraulic

units, and in-flight refueling units such as accumulators, actuating struts, selector valves, control valves, and relief valves. Adjusts, aligns, rigs, and calibrates pneumatic/hydraulic components, and flying boom components to insure maximum operating efficiency consistent with design characteristics. Troubleshoots aircraft pneumatic/hydraulic systems, in-flight refueling systems, and components of aircraft pneumatic/hydraulic, and in-flight refueling systems. Performs corrosion control.

c. Inspects, tests, installs, repairs, overhauls, and modifies aircraft in-flight refueling electrical systems. Troubleshoots malfunctions of components, such as signal amplifiers, nozzles, instrument gauges, and flying booms. Replaces defective parts with serviceable items. Adjusts and repairs electrical devices such as elevation. telescope, and azimuth control assemblies, and performs operational tests of aircraft in-flight refueling electrical accessories. Conducts detailed tests of in-flight refueling electrical systems using ohnmeter, voltmeter, and electrical test equipment, Isolates malfunctions by visual inspections and electrical checks, and observes instrument indications. Adjusts, aligns, and calibrates aircraft in-flight refueling electrical systems to insure maximum operational efficiency consistent with design characteristics, using wiring diagrams and technical publications.

d. Supervises aircraft pneudraulic systems maintenance personnel. Assigns preventive maintenance and repair tasks to subordinates and observes performance to insure compliance with local procedures and applicable technical publications. Instructs subordinates in techniques of installation, repair, and maintenance of aircraft pneumatic/hydraulic systems, in-flight refueling systems, and ground equipment pneumatic/hydraulic systems.



#### 3. SPECIALTY QUALIFICATIONS

a. Knowledge. Knowledge of electrical and mechanical principles as applied to aircraft, in-flight refueling, and associated ground equipment pneumatic/hydraulic systems; and use and interpretation of blueprints, wiring diagrams, and technical publications is mandatory. Possession of mandatory knowledge will be determined according to AFR 35-1.

**b.** Education. Completion of high school with courses in hydraulics or general science is desirable.

c. Experience. Experience in functions such as

installation, modification, or repair of aircraft or associated ground equipment pneumatic, hydraulic and electrical systems and components is mandatory.

d. Training. Completion of a basic aircraft pneudraulic systems maintenance course is desirable.

e. Other:

(1) Normal color vision as defined in AFR 160-43 is mandatory.

(2) A minimum aptitude level of Mechanical 40 or Electronic 40 is mandatory.

a. Grade Sprcad:	•	Heat and Vent	801.381
Airman first-class through		Aircraft Mechanic, Plumbing and	
staff sergeant 42		Hydraulic	862.381
Airman first-class 42	2334	Fuel System Maintenance	
b. Related D.O.T. Jobs:		Man	630.781
Aircraft Mechanic,		c. Related DOD Occupational Subgroup: 6	02

## Semiskilled AFSC 42830

#### **AIRMAN AIR FORCE SPECIALTY**

#### \*AIRCRAFT PROPELLER MECHANIC

#### 1. SPECIALTY SUMMARY

Removes, installs, inspects, repairs and troubleshoots aircraft propellers.

#### 2. DUTIES AND RESPONSIBILITIES

- a. Disassembles, cleans, and inspects aircraft propellers. Disassembles propellers into component parts such as blades, gears, bearings, brushes, shafts, rollers, hubs, slip rings, separators, covers, pistons, housings, motors, seals, gaskets, bolts, nuts, and washers. Cleans and inspects all parts.
- b. Repairs aircraft propellers and component parts. Troubleshoots and repairs malfunctions found in propellers, governors, sychronizers, feathering pumps, and control systems, using small handtools, such as hammers, pliers, wrenches, and related test equipment. Reassembles parts into major propeller assembly and balances propeller by inserting lead into hollow barrel bolts or weights in slots in blade nuts. Tests propeller by using electric or hydraulic test stand to check for operation and evidence of oil leakage. Operates propeller through full blade angle range. Makes necessary
- corrections such as adjusting stops to agree with prescribed angles to insure efficient operation of propeller.
- c. Installs propeller and component parts. Removes and installs propeller on engine shaft, using chain fall, propeller slings, and hoist. Removes and installs control unit and checks for operation. Makes necessary adjustments to propeller and governor synchronizer to insure maximum operating efficiency.
- d. Supervises aircraft propeller maintenance personnel. Assigns maintenance and repair functions to subordinates and observes performance to insure compliance with procedures and applicable technical publications. Instructs subordinates in techniques of installation, repair, and overhaul of aircraft propellers. Conducts on-the-job training.

#### 3. SPECIALTY QUALIFICATIONS

- a. Knowledge. Knowledge of electrical, pneudraulic, and mechanical principles as applied to aircraft propellers; and use of technical publications, forms, records, and maintenance management procedures is mandatory. Possession of mandatory knowledge will be determined according to AFR 35-1.
- **b.** Education. Completion of high school with courses in general science or mechanics is desirable.
  - c. Experience. Experience in functions, such as
- installation, repair, or overhaul of aircraft propellers, is mandatory.
- d. Training. Completion of a basic aircraft propeller maintenance course is desirable.
  - e. Other:
- (1) Normal color vision as defined in AFM 160-1 is mandatory.
- (2) A minimum aptitude level of Mechanical 40 or Electronic 40 is mandatory.

a. Grade Spread:	b. Related D.O.T. Job:	
Airman first-class through		Aircraft-and-Engine
staff sergeant	42650	Mechanic 621.281
Airman first-class	42650	c. Related DOD Occupational Subgroup: 602

#### **\* JET ENGINE MECHANIC**

#### 1. SPECIALTY SUMMARY

Inspects, removes, installs, disassembles, troubleshoots, repairs assembles, services, tests, and modifies turbojet, turboprop, and turbofan aircraft engines, turbojet missile engines, and small gas turbine engines.

#### 2. DUTIES AND RESPONSIBILITIES

- 2. Performs inspections and preventive maintenance on jet engines including small gas turbine engines and turbojet missile engines. Performs engine periodic and special inspections by checking engine components for cracks, dents, security of attachment, servicing leakage, foreign matter, clearances, deformation, and proper safeties. Removes from and installs engine in aircraft, including disconnecting and connecting fuel, oil, air, and hydraulic lines, aligning of engine, and inspecting controls for freedom of movement and mounting pads for condition. Analyzes and evaluates an operating engine and makes engine performance adjustments such as maximum and minimum rpm, exhaust gas temperature (EGT), and oil pressure. Recognizes troubles through evaluation of engine and engine systems operational checks. Analyzes trouble indication and determines possible cause using technical order diagrams. Isolates troubles by using such test equipment as fuel and oil pressure gauges, exhaust gas temperature test instruments, and engine pressure ratio gauge. Takes appropriate action to insure correction of defect. Operates and performs operator maintenance on jet engine ground support equipment, such as maintenance stands, auxiliary power units, and air compressors. Selects, uses, and cares for common hand and special tools. Observes and practices safety procedures.
- b. Accomplishes field maintenance repair and engine build-up. Disassembles engine to the extent necessary to repair and replace engine parts, to include removing and disassembling engine components such as exhaust cone or afterburner, turbine rotor(s), combustion chamber(s), compressor(s), engine plumbing, electrical leads and

- units, bearings, seals, oil metering jets, and filters. Cleans and inspects engine components using visual inspection methods. Analyzes engine inspection findings to determine need for repairs. Repairs engine by replacing parts and removing defects such as nicks, dents, scratches, and burrs. Assembles engine adhering to prescribed procedures, torque values, safetying methods. and clearances on such items as compressor rotor, turbine rotor, and afterburner nozzle. Modifies enames according to technical directives. Removes and installs quick-engine change kit. Prepares engine for installation in aircraft. Accomplishes corrosion control.
- c. Performs special and field maintenance tests of let engines including small gas turbine engines and turbovet missile engines. Installs engines in test stand. Installs test equipment and makes necessary connections. Performs preoperational and postoperational inspections. Operates the engine and performs engine test, according to applicable directives, to include checking for leaks, making engine trip checks and idle and maximum rpm adjustments, checking vibration, and completing test lea sheet. Removes engine from test stand. Accomplishes operator maintenance on test stand. Follows established control procedures to eliminate the possibility of foreign object damage to engines.
- d. Supervises jet engine maintenance personnel. Assigns maintenance functions to subordinates and observes performance to insure compliance with applicable directives. Instructs subordinates in maintenance of turboprop and jet engines and associated equipment.

#### 3. SPECIALTY QUALIFICATIONS

#### a. Knowledge:

- (1) Knowledge of mechanical principles as applied to turboprop and jet engines; and the use of technical publications is mandatory. Possession of mandatory knowledge will be determined according to AFR 35-1.
  - (2) Knowledge of electrical theory is desirable.
- b. Education. Completion of high school with a course in mechanics or mathematics is desirable.
  - c. Experience.
- (1) Experience in functions such as installation, repair, or maintenance of jet engines is mandatory.
- (2) Experience in testing of jet engines is desirable.

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d. Training. Completion of a basic jet engine 160-1 is mandatory, maintenance course is desirable.

e. Other:
(1) Normal color vision as defined in AFM

(2) A minimum aptitude level of Mechanical 40 is defined in AFM is mandatory.

a. General Spread:	Aircraft and Figure
Airman first-class through	Mechanic 621.281
staff sergeant 42652	Assembler, Aircraft Power
Airman first-class 42632	Plant 621.381
b. Related D.O.T. Jobs.	c. Related DOD Occupational Subgroup: 601

#### AIRCRAFT MAINTENANCE SPECIALIST

#### 1. SPECIALTY SUMMARY

Inspects, repairs, maintains, services, and modifies aircraft and aircraft installed equipment; performs crew chief, flight chief, and maintenance staff functions; and performs tow reel operator functions.

#### 2. DUTIES AND RESPONSIBILITIES

**★a.** Performs inspections, functional checks, and preventive maintenance on aircraft and aircraft installed equipment: Performs preflight, daily, and periodic inspections of aircraft structures, landing gear, engines, instruments, cockpits, cabins, flight surfaces, and controls. Inspects and performs functional checks on hydraulic, electrical, pressurization, lubrication, anti-icing, vacuum, induction, and exhaust systems, and installed equipment such as external tanks. tow reels, hoists, and APUs. Inspects aircraft components for cleanliness, alignment, proper clearance and operation, evidence of wear, cracks, and on looseness, using feeler gages, micrometers, tensiometers, and hand and special tools. Determines feasibility of retreading aircraft tires when specifically assigned to the aircraft tire repair function.

b. Repairs, maintains, and services aircraft and aircraft installed equipment: Determines and indicates actions to correct malfunctions as indicated on aircraft forms and clears forms. Cleans aircraft and engines using prescribed solvents or cleaning materials. Detects and removes corrosion and applies protective measures to prevent corrosion. Troubleshoots malfunctions pertaining to aircraft structures, landing gear, control surfaces, induction, ex-

haust, ventilation, and heating systems. Repairs damaged control surfaces and conducts detailed tests of repaired components using bench mockups and related test equipment. Removes and replaces items such as control surfaces, engines, wheels, brakes, tires, cowling, enclosures, hose, and tubing. Services oil, de-icing, fuel, hydraulic, and oxygen (includes liquid oxygen) systems. Tows, taxis, parks, and moors aircraft. Adjusts and maintains installed equipment such as tow targets, electrical windlasses, hydraulic reels, drive assemblies, electric motors, and gear trains, removing and replacing worn or inoperative parts and elements such as bearings, shear pins, level wind cams, cables, brake drums, and cable meters. Performs operator maintenance on aircraft installed auxiliary power unit. Interprets blueprints, diagrams, and applicable publications.

c. Inspects tow targets and preflights and operates target towing equipment: Inspects and loads target aboard aircraft in preparation for flight. Assembles and disassembles glider type target, using jigs, clinameters, and leveling devices. Preflights target towing equipment for kinked or broken cables, loose mounts, and other defects. Launches targets, plays out cable, and operates clutch and

brake. Performs minor adjustments and releases and replaces targets.

d. Performs flight chief and maintenance staff functions: Coordinates and adjusts individual daily maintenance plans to meet operational commitments for flight of aircraft. Supervises crew chiefs within his flight. Assures compliance with applicable requirements of the Maintenance Management System (AFM 66-1). Performs functions, as a member of the maintenance staff, as assigned to quality control, maintenance control, training, or analysis divisions.

e. Supervises aircrast maintenance personnel: Assigns maintenance and repair functions to subordinates and observes performance to insure compliance with applicable technical publications and local policy and procedures. Instructs subordinates in techniques of repair and maintenance of aircrast and related equipment and in use of diagrams, blueprints, and technical publications. Accomplishes maintenance and exception time accounting documentation. Conducts on-the-job training.

#### 3. SPECIALTY QUALIFICATIONS

#### a. Knowledge:

- (1) Knowledge of electrical, hydraulic, and mechanical principles as applied to aircraft; theory of flight; concepts and application of AFM 66-1, Maintenance Management System; maintenance and manhour reporting; and use of blueprints, diagrams, and technical publications is mandatory. Possession of mandatory knowledge will be determined in accordance with AFM 35-1.
- (2) Knowledge of supply procedures is desirable.
- b. Education: Completion of high school is desirable.
  - c. Experience:
    - (1) Experience in functions such as re-

pair and maintenance of aircraft and related installed and ground support equipment is mandatory.

- (2) Experience in functions such as performing or supervising aircraft inspections and in performing tow reel operator functions is desirable.
- d. Training: Completion of basic aircraft maintenance course is desirable.
  - e. Other:
- (1) Normal color vision as defined in AFM 160-1 is mandatory.
- ★(2) A minimum aptitude level of Mechanical 50 or Electronic 50 is mandatory.

#### 4. SPECIALTY DATA

a. Grade Spread:	Airplane Mechanic621.281
Sergeant and	Tire and Tube Repairman915.884
staff sergeant43151	Tire Repairman915.884
Airman first class43131	c. Related DOD Occuptioanal Subgroup:
b. Related D.O.T. Jobs:	600

#### 5. \*SPECIALTY SHREDOUTS

Suffix	Portion of AFS to Which Related
Å	Reciprocating Engine Aircraft
C	Jet Aircraft One and Two Engines
E	Jet Aircraft Over Two Engines
F	Turbo-Prop Aircraft
	·

AFSC 53154 Semiskilled AFSC 53134

### AIRMAN AIR FORCE SPECIALTY

#### **CORROSION CONTROL SPECIALIST**

#### 1. SPECIALTY SUMMARY

Identifies corrosion, and applies appropriate preservative treatment to metal surfaces of missile, aircraft, and support systems equipment to meet requirements for preservation, eliminate deterioration, and effect corrosion control.

#### 2. DUTIES AND RESPONSIBILITIES

- \*a. Identifies metal corrosion. Performs necessary testing to identify type corrosion present by examination with magnifying equipment, and chemical and mechanical checks. Identifies type metal corroded to insure proper corrosion treatment procedures are sued. Determines metal identity by use of technical publications and by subjecting to chemical and mechanical tests.
- b. Removes corrosion. Removes corrosion by mechanical and chemical procedures to include use of portable powered (electric and pneumatic) sanders, buffers, brushes, sand blasters, vacuum blasters, vacuum cleaners, scrapers, and grinders, handtools such as acrapers, wire brushes, sand paper, steel and aluminum wool, files, paint removers, acids, caustics, solvents, alcohols, and other agents used in corrosion control processes.
- c. Treats and cleans metals. Treats metal with chemical procedures to protect metal from oxidation, to include use of acids and caustics for passivation and etching, and performs functions such as pickling of metals to prepare metal for good bonding with primer coat of protective materials. Uses appropriate solutions for each type of metal to be treated.

- d. Applies protective: coatings. Applies protective coatings after proper removal of corrosion and treatment of metals. Uses conventional paint spray equipment, electrostatic spray equipment, brushes, pressurized paint cans, and special applicators when applying primers and surface coats.
- \*e. Inspects and removes protective coatings. Inspects coatings visually and with use of optic and mechanical means for prescribed thickness, damage, deterioration. holidays, voids, and evidence of proper application. Removes coatings by use of manual and powered tools and chemicals.
- f. Operates and maintains equipment. Operates and maintains portable powered pneumatic and electric sanders, buffers, brushes, sand blasters, vacuum cleaners, vacuum blasters, scrapers, grinders, and sprayers (pneumatic and electrostatic), and special corresion detection and measuring equipment. Stores, disposes and uses special materials for corrosion removal, treatment, and protection. Uses, blends, stores, and disposes of acids, caustics, alcohols, solvents, cleaners, primers, and surface coatings.
- g. Supervises corrosion control personnel. Schedules work assignments by priority and workload. Pregues reports. Conducts on-the-job training.

#### 3. SPECIALTY QUALIFICATIONS

- a. Knowledge. Knowledge of characteristics of metals; metal identification; corrosion identification, corrosion removal; preparation and cleaning of metals; application of protective coatings; operation and maintenance of corrosion control equipment; mixing, storage, and use of acids, solvents, alcohols, caustics, primers, and paints; withnical orders and maintenance management is mandatory. If officially to AFR 35-1.
- **b.** Education. Completion of high school with courses in chemistry and physics is desirable.
- c. Experience. Experience in functions such as corrosion identification, corrosion removal, preparation and cleaning of metals, and application of coatings is mandatory.
- d. Training. Completion of a basic corrosion control course is desirable.
  - e. Other:
- (1) A minimum aptitude level of Mechanical is mandatory.
- (2) Normal color vision as defined in AFM 160-1 is mandatory.

A28-24 Effective 30 April 1978 AFM 39-1 Volume II(C23) Attachment 28 28 April 1976

a. Grade Spread:	b. Related D.O.T. Jobs:			
Airman first-class through	Metal-Cleaner, Immersion 503.885			
staff sergeant 53154	Painter, Aircraft 845.781			
Airman first-class 53134	c. Related DOD Occupational Subgroup: 790			

# APPENDIX B

USAF JOB INVENTORY - AIRCRAFT MAINTENANCE CAREER LADDER

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# UNITED STATES AIR FORCE JOB INVENTORY



AIRCRAFT MAINTENANCE CAREER LADDER

AFSCs 43131 A/C/E/F, 43151 A/C/E/F, 43171 A/C/E/F, AND 43191

AFPT 90-431-210 1 April 1976

OCCUPATIONAL SURVEY BRANCH
USAF OCCUPATIONAL MEASUREMENT CENTER
LACKLAND AFB TEXAS 78236

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#### **CODING INSTRUCTIONS**

Print the booklet copy numbers which you will find stamped in the upper right hand corner of the front cover in the coding box in the upper left hand side of the front cover and in the coding box on this page. After copying the numbers in the spaces at the bottom of the coding block, including all zeros, completely darken the circles containing the corresponding numbers.

#### **GENERAL INSTRUCTIONS**

- 1. Your assistance in completing this survey is very important to you and the Air Force. Your answers and the answers of other airmen completing this USAF Job Inventory will be used to develop:
  - a. Specialty descriptions for your career field.
  - b. Specialty training standards and resident training courses.
- c. Career development courses for upgrade training in your career field.
  - d. Specialty Knowledge Tests (SKTs).
- 2. To qualify for this survey, you must meet the following conditions.

#### YOU MUST HAVE:

- a. A duty AFSC of 43131 A/C/E/F, 43151 A/C/E/F, 43171 A/C/E/F or
- b. A duty AFSC of 43191 and be supervising 431X1 personnel.
- c. Held your duty AFSC for at least six weeks.
- d. Been working in your present job for at least eight weeks.
- 3. This USAF Inventory is in two sections:
- a. A Background Information section where you provide information about yourself, and
- b. A DUTY-TASK LIST section where you provide information about your current job.
- 4. In providing the information requested, it is equally important to follow the procedures given throughout the booklet. PRINT ALL WRITE-IN INFORMATION. DO NOT WRITE IN CLASSIFIED INFORMATION. DO NOT WRITE IN BASE OR APO NUMBER.

#### INSTRUCTIONS FOR BACKGROUND INFORMATION

Complete each item in the BACKGROUND INFORMATION section, pages iii through xi. Now turn to page iii and BEGIN.

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			7			
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	HOW WERE YE	OU ASSIGNED TO	YOUR PRESEN	T CAREER	LADDER	(Check	only one	,	
(9)	[] COMPLET	TING RESIDENT	TECHNICAL TR	AINING					
(10)	O) [] BEING RECLASSIFIED WITHOUT COMPLETING TECHNICAL TRAINING OR OJT								
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(13)		CONVERTED FROM FICATION BOARD		SPECIALT	Y, WITH	OUT TRAI	NING BY		
714)	[] BEING	RETRAINED FROM	ANOTHER SPE	CIALTY					
(15)	[] REENLIS	STING AFTER PRI VICE	OR SERVICE	IN USAF,	OR FROM	ANOTHE	CR BRANCH	1	
(16)	I WILL BE	ELIGIBLE FOR RE	TIREMENT AT	THE END	OF MY	CURRENT	ENLISTME	INT:	
	[] YES	[] NO	)						
(17)	I WILL BE	ELIGIBLE TO REE	NLIST AT TH	E END OF	MY CURE	RENT ENL	.ISTMENT:		
	[] YES	[] NO	)						
(18)	I PLAN TO	REENLIST:							-
1	[] NO			3 []	UNCERTA	IN, PROE	BARLY YES	;	-
2	[] UNCERT	AIN, PROBABLY I	10	4 []	YES				

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1	[]	EXTREMELY DULL		5 []	FAIRLY INTERESTING
2	[]	VERY DULL		6 []	VERY INTERESTING
3	[]	FAIRLY DULL		7 []	EXTREMELY INTERESTING
4	[]	SO-SO			
(20)	MY .	JOB UTILIZES MY	TALENTS:		
1	[]	NOT AT ALL		5 []	VERY WELL
2	[]	VERY LITTLE		6 []	EXCELLENTLY
3	[]	FAIRLY WELL		7 []	PERFECTLY
4	[]	QUITE WELL			
(21)	MY .	JOB UTILIZES MY	TRAINING:		
1	[]	NOT AT ALL		5 []	VERY WELL
2	[]	VERY LITTLE		6 []	EXCELLENTLY
3	[]	FAIRLY WELL		7 []	PERFECTLY
4	[]	QUITE WELL			
(22)	ARE The	YOU COMPLETING CBPO OCCUPATION	THIS USAF JO IAL SURVEY CO	OB INVENTORY L ONTROL OFFICER	UNDER DIRECT SUPERVISION OF R.?
	[]	YES	[] NO		
(23)	ARE	YOU COMPLETING	THIS USAF JO	B INVENTORY A	NT YOUR HOME OR BARRACKS?
	[]	YES	[] NO		
(24)	ARE WHI	YOU COMPLETING CH YOU WORK?	THIS USAF JO	OB INVENTORY A	AT THE ORGANIZATION AT
	[]	YES	[] NO		
(25)	HAVI TO	E THE INSTRUCTION	ONS FOR COMPL	ETING THIS SU	DRVEY BEEN READ OR EXPLAINED
	[]	YES	[] NO	07	

(Continued next page)

9999999		BACKGRO BACKGR			(CONTINUED)  (CARD 03: 26-54)  YOUR CAREER LADDER?		
	[]	YES [] NO			•		
	IF '	YES, CHECK COURSES YOU HAVE	COMPLETED:				
(27)	[]	AIRCRAFT MAINTENANCE SPECT 3ABR43131C-1	ALIST, JET	AIRC	RAFT, ONE AND TWO ENGINE -		
(28)	[]	AIRCRAFT MAINTENANCE SPECE	IALIST, JET	OVER	TWO ENGINES - 3ABR43131E		
(29)	[]	AIRCRAFT MAINTENANCE SPECT	IALIST, RECI	PROC	ATING ENGINE AIRCRAFT -		
(30)	•						
(31)	(1) [] AIRCRAFT MAINTENANCE TECHNICIAN - 3ABR43171						
(32)	[]	WEIGHT AND BALANCE - 3AZR	13171-2				
(33)	(33) ARE YOU ASSIGNED TO AN AIRCRAFT MAINTENANCE FUNCTION?						
	[]	YES [] NO			-		
	1F	YES, CHECK MAINTENANCE FUNC	CTION TO WHI	CH Y	DU ARE ASSIGNED:		
(34)	[]	AIRCRAFT REPAIR AND RECLAM	MATION (45)	[]	QUALITY CONTROL		
(35)	[]	ALERT BRANCH	(46)	[]	RECORDS AND REPORTS		
(36)	[]	BASE AND TRANSIENT MAINTER	NANCE (47)	[]	SCHEDULED MAINTENANCE		
(37)	[]	CORROSION CONTROL	(48)	[]	SERVICING BRANCH		
(38)	[]	DOCK INSPECTION	(49)	[]	SUPPLY		
(39)	[]	FIELD MAINTENANCE SUPERIN	TENDENT (50)	[]	TECHNICAL TRAINING		
(40)	[]	FLIGHT LINE MAINTENANCE	(51)	[]	TOW TARGET SYSTEMS MAINTENANCE		
(41)	[]	FLIGHT MECHANIC	(52)	[]	TRAINING AND STANDARDIZATION		
(42)	[]	MAINTENANCE CONTROL	(53)	[]	TRAINING CONTROL		
(43)	[]	MAINTENANCE STANDARDIZATIO	ON (54)	[]	OTHER (PLEASE SPECIFY ON BLANK PAGES AT END OF BOOKLET.)		
(44)	[]	NON-POWERED AGE MAINTENAN	CE	68			

			ACKGROUND INFORM		(CARD 03:55-73) (CARD 04: 5-11)
	(55)		] NO	or int	FOLLOWING POSITIONS?
		IF YES, CHECK FUNCT	-		
_	1551	[] MOBILITY NCO	(58)	ר) דבי	CHNICAL ORDER MONITOR
	(56)	[] GROUND SAFETY N			
	(57)	() GROUND SAFETY IN	(59)	נאו נן	AINING NCO
		AT WHAT LEVEL DO YO	U PERFORM THE AB	OVE LIST	TED FUNCTIONS?
	(60)	[] ORGANIZATIONAL	MAINTENANCE	(62) (	] INTERMEDIATE MAINTENANCE
	(61)	[] FIELD MAINTENAN	CE	(63)	DEPOT MAINTENANCE
	(64)		סא [		
	(65)	IF YES, CHECK INSPE			
	(65)	[] COMMAND IG	(67)		MAND SAFETY TEAMS
	(66)	[] USAF IG (RMI)	(88)	[] M.S	5. E. 1.
	(69)	DO YOU USE AEROSPAC	E GROUND EQUIPME	NT IN YO	DUR PRESENT ASSIGNMENT?
		[] YES [	] NO		
		IF YES, CHECK GROUN	O EQUIPMENT YOU	USE:	
		AIR COMPRESSORS		AUXILIA	ARY ELECTRICAL POWER UNITS
	(70)	[] M8-8	(6)	[] C-2	22
	(71)	[] MB-9	(7)	[] c-2	26
	(72)	[] MC-1	(8)	[] MD:	3
	(73)	[] MC-1A	(9)	[] M32	2A-13
	(5)	[] MC-ZA	(10)	[] M3	2A60
			(11)	[] NF-	-2
-			69		(Continued next page)

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·	ВОМ	B HOISTS	(30)	[]	F-4
(12)	[]	BOMB HOIST	(31)	[]	H-1
(13)	[]	MJ-1 BOMB LIFT		TOW	ING VEHICLES
	GAS	TURBINE COMPRESSORS	(32)	[]	CLARK TUG
(14)	[]	MA-1A	(33)	[]	COLEMAN
(15)	[]	MA-2	(34)	[]	EUCLAD
	GRO	UND AIR CONDITIONING UNITS	(35)	[]	FEDERAL
(16)	[]	A-3	(36)	[]	LOW BOY
(17)	[]	MA-1	(37)	[]	WHEEL MOVER
(18)	[]	MA-3		POR	TABLE FIELD LIGHTING EQUIPMENT
	HYD	RAULIC TEST STANDS	(38)	[]	NF-1
.19)	[]	HYDRAULIC SERVICING CART	(39)	[]	NF-2 LITE ALL
(20)	[]	D-5	(40)	[]	B-1
(21)	[]	D-6	(41)	[]	B-9
(22)	[]	MJ-2A		MIS	CELLANEOUS EQUIPMENT
(23)	[]	MK-3A	(42)	[]	CABIN PRESSURE TESTERS
(24)	[]	MB-3 DE-ICER TRUCK	(43)	[]	MB-4
(25)	[]	TTU-28	(44)	[]	WATER SERVICING CARTS
	OXY	GEN AND NITROGEN SERVICING UNITS	(45)	[]	OTHER (PLEASE SPECIFY ON BLANK PAGES AT END OF BOOKLET.)
(26)	[]	GASEOUS OXYGEN (HIGH & LOW)			PAGES AT END OF BOUNCET.
(27)	[]	GASEOUS NITROGEN			
(28)	[]	LIQUID OXYGEN (LOX)			
	PORT	TABLE GROUND HEATERS AND BLOWERS			
(29)	[]	BT-400		70	
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(46)	DO	YOU WORK	WITH ANY (	OF THE	FOLLOWING	AIRCRAFT?				
	[]	YES	[]	NO						
	IF	YES, INDI	CATE THE	AIRCRA	FT YOU WOR	K ON:				
(47)	[]	A-1	(68	) []	C-7	(20)	[]	CH-3		
(48)	[]	A-7D	(69	) []	C-9	(21)	[]	CH-53		
(49)	[]	A-10	(70	) []	C-10	(22)	[]	DC-130		
(50)	[]	A-37	(71	) []	C-47	(23)	[]	EB-57B		
(51)	[]	AC-47	(72	) []	C-54	(24)	[]	EB-57C		
(52)	[]	AC-119G	(73	) []	C-97	(25)	[]	EB-57E		
(53)	[]	AC-119K	(5	) []	C-118	(26)	[]	EB-57G		
(54)	[]	AC-130A	(6	) []	C-119	(27)	[]	EB-66		
(55)	[]	AC-130E	(7	[] (	C-121	(28)	[]	EC-47		
(56)	[]	B-1	(8	()	C-123	(29)	[]	EC-121D		
(57)	[]	B-52C	(9	()	C-124	(30)	[]	EC-121R		
(58)	[]	B-52D	(10	()	C-130A	(31)	[]	EC-121T		
(59)	[]	B-52E	(11	[] (	C-130B	(32)	[]	EC-135		
(60)	[]	B-52F	(12	()	C-130D	(33)	[]	F-4C		
(61)	[]	B-52G	(13	()	C-130E	(34)	[]	F-4D		
(62)	[]	B-52H	(14	()	C-131	(35)	[]	F-4E		
(63)	[]	B-57B	(15	()	C-133	(36)	[]	F-5		
(64)	[]	B-57C	(16	()	C-135	(37)	[]	F-15		
(65)	[]	B-57E	(17	()	C-137	(38)	[]	F-16		
(66)	[]	8-57G	(18	()	C-140	(39)	[]	F-100		
			(19	וז ונ	C-141	(40)	۲ì	E 1010		

		00 00 00 00 00 00 00 00 00 00			1NFORMATIC			(CARD 05: 41-73) (CARD 06: 5-23)
(41)		F-101F *	(65)	[]	QU-22B	(20)	[]	UH-1P
		F-102	(66)	[]	RB-66	(21)	[]	VC-6A
	••	F-104A	(67)	[]	RC-130	(22)	[]	WB-57F
	_	F-104G	(68)	[]	RC-135	(23)	[]	OTHER (PLEASE SPECIFY ON BLANK PAGES AT END
		F-105	(69)	[]	SR-71			OF BOOKLET.)
		F-106A	(70)	[]	TH-1D			
		F~106B	(71)	[]	TH-1F			
	-	F-111A	(72)	[]	TH-IN			
		F-1110	(73)	[]	TH-IP			
		F-111E	(5)	[]	T-28			•
		F-111F	(6)	[]	T-29			
	[]	FB-111	(7)	[]	T-33			•
	[]	HC-130H	(8)	[]	T-34			•
	[]	HC-130N	(9)	[]	T-37			•
	[]	HC-130P	(10)	[]	T-38			•
	[]	HH-53	(11)	[]	T-39			
	[]	JC-130B	(12)	[]	T-43			•
	[]	JC-130H	(13)	[]	TF-102			•
	[]	JC-130P	(14)	[]	U-2			•
		KC-135	(15)	[]	U-6			-
	[]	L-28	(16)	[]	U-10			
(62)	[]	0-1	(17)	[]	UH-1D			
(63)	[]	0V-10	(18)	[]	UH-1F			•
(64)	[]	OV-10A	(19)	[]	UH-1N 7	2		
								(Continued next page)

99999999	BACKGROUND INFORMATION (CONTINUED)  CONTINUED)  CONTINUED  (CARD 06: 24-47)  DO YOU PERFORM SCHEDULED AIRCRAFT INSPECTIONS?
(2.7	[] YES [] NO
	IF YES, CHECK THE SCHEDULED AIRCRAFT INSPECTIONS THAT YOU PERFORM:
(25)	[] ACCEPTANCE INSPECTIONS (31) [] POSTFLIGHT INSPECTIONS
(26)	[] FOREIGN OBJECT DAMAGE (FOD) (32) [] PREFLIGHT INSPECTIONS
(27)	INSPECTIONS [] INFLIGHT INSPECTIONS (33) [] SPECIAL INSPECTIONS
(28)	[] ISOCHRONAL INSPECTIONS (34) [] THRUFLIGHT INSPECTIONS
(29)	[] PERIODIC INSPECTIONS  (35) [] OTHER (PLEASE SPECIFY ON BLANK PAGES AT END OF BOOKLET.)
(30)	[] PHASED INSPECTIONS
(36)	DO YOU CURRENTLY POSSESS THE 43191 AFSC?
	[] YES [] NO
	IF YES, COMPLETE THE FOLLOWING QUESTION.
	FROM WHICH SHRED DID YOU PROGRESS TO THE 9 SKILL LEVEL?
(37)	[] 431X1A (39) [] 431X1E
(38)	[] 431X1C (40) [] 431X1F
(41)	DO YOU HAVE SUBORDINATE SUPERVISORS REPORTING DIRECTLY TO YOU?
	[] YES [] NO
	IF YES, ANSWER THE FOLLOWING QUESTION.
	HOW MANY TOTAL PERSONNEL DO YOU SUPERVISE INCLUDING SUBORDINATE SUPERVISORS AND THEIR SUBORDINATES?
(42)	[] 1-10 (45) [] 31-40
(43)	[] 11-20 (46) [] 41-50
(44)	[] 21-30 (47) [] OVER 50

00000
00000
<b>6</b>
<b>6</b>
88888
$\Theta$

## READ THIS PAGE BEFORE GOING FURTHER

Have you completed the Background Information Section? Make sure, before you continue with this procedure.

PROCEDURE A. CHECKING TASKS OF PRESENT JOB

- 1. As you read each task in the Duty-Task section, pages 1 through 46 place a check beside each task that you perform in your present job. Put your check mark in the column headed "Check-If Done Now." When you have reached page 46, follow the arrow for your next instructions.
- 2. DO NOT COMPLETE THE RIGHT-HAND COLUMN AT THIS TIME.
- 3. If a task that you perform is not listed anywhere in the entire list, write it on page 47 or 48, but do not add\_tasks that are classified.
- 4. Do not confuse work you do yourself with work you supervise.
- 5. Remember, at this time you are to complete only the column headed "Check-If Done Now" for pages 1 through 46. Now, turn to page 1 and BEGIN.

## PROCEDURE B. RATING TIME SPENT ON TASKS ON PRESENT JOB

- 1. Have you checked each task that you perform in your present job? Make sure, before you continue with this procedure.
- 2. Now you are to rate the relative amount of time you spend performing each task in your present job. Relative time spent means the total time you spend doing the task compared with the time you spend on each of the other tasks of your present job.
- 3. Use a rating of "1" if you spend a "very small amount" of time on a task. Use a rating of "2" for "much below average" time, and so on, up to a rating of "9" if you spend a "very large amount" of time on the task.
- 4. Remember, you are to rate  $\underline{only}$  tasks that you have already checked in the first column of pages 1 through 46.
- 5. Place your rating, according to the 9-point scale, in the right-hand column headed "Time Spent Present Job" by blackening the appropriate circle. Caution: <u>COMPLETELY</u> fill in the circle you have chosen, but do <u>NOT</u> overlap into other circles on the same line.
- 6. When you have completed all your ratings in the right-hand column of pages 1 through 46, you will have completed this USAF Job Inventory and you may turn it in to your Occupational Survey Control Officer.
- 7. Now, turn to page 1 and BEGIN your ratings for the right-hand column.

COO CO	1. Sheek teaks you perform new (A).		
i	2. On the back of the book, write in any unileted teaks which you do now.	Check	TIME SPENT
	3. In the "Time Spent" column, rate all checked (A tests on time spent		Present Job
	In present job.	,	
_			Very small amount.     Much below average.
	AFSC 431X1	1	3. Below average.
		1.5	4. Slightly below sverege
		DONE	5. About average.
	OCCO A. ORGANIZING AND PLANNING	NOW	6. Slightly above everage.
		1	7. Abere average, 8. Much abere sverage.
000		ì	9. Very large amount.
			1 10.7 10.30 0
	<u> </u>		
<b>)</b> '.	Analyze reports or maintenance plans		<b>ക്കാരത്തെ</b>
2.	Assign personnel to duty positions		<b>©©©©©©©©</b>
3.	Assign space for equipment or supplies		000000000
1	Coordinate with maintenance personnel or job control for	<del> </del>	00000000
I "	availability of specialists or equipment, tools, or parts	1	0000000000
5.	Coordinate with other activities on availability of	<del>}</del>	000000000
L_"	facilities	1	
6.	Coordinate work activities with maintenance specialists		0000000000
	or other personnel or agencies	l	
7.	Determine facilities for work functions		೦೦೦೦೦೦೦೦೦
8.	Develop mobility plans		ದಿರುವರಿಯಾರುವಾರು
9.	David on the first of the first		
, ,	Develop or improve work methods and procedures	1	cocococco
10.	Schablish Air Same was lakens and a		
10.	Establish Air Force regulations, manuals, pamphlets, or letter files		೦೦೦೦೦೦೦೦೦೦
<del>  11.</del>			1
'''	Establish corrosion control programs	ł	್ರಾ ಪ್ರಾಥಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾವಾ
12.	Establish maintenance controls		222222
1 '`	ratablish maintenance controls	1	೦೦೦೦೦೦೦೦೦
13.	Cotablish pouformance standards	<del></del>	-
13.	Establish performance standards		000000000
14.			<del>                                     </del>
1 '4'	Establish required level of supplies, special tools, test		Opposer
<del></del>	equipment, or parts other than bench stock		ļ
15.	Establish requirement for section directives, office		೦೦೦೦೦೦೦೦೦೦
L	instructions, or standing operating procedures		<u> </u>
16.	Establish technical order (TO) publication files		0000000000
<b></b>			
17.	Establish work methods		0000000000
L			<u> </u>
18.	Interpret maintenance policies or directives for		000000000
L	subordinates		1
19.	Maintain property custodian authorization/custody receipt		0000000000
L	listings (CACRL)		
20.	Plan contingency programs		0000000000
L			]
21.	Plan maintenance deficiency analysis programs		0000000000
L			
22.	Plan maintenance or inspections of aircraft		<b>ാ</b> ത്തരത്താത്ത
L			<u> </u>
23.	Plan or prepare functional charts		<b>೧000000000</b>
L			
24.	Plan or prepare status boards		0000000000
L			
		_	

1 Cherk tasks you perform now (// 2 On the back of the hook, write in any unlisted tasks which you do now 3 In the "Time Spant" column, rate all therked (/) tasks on time spant	Check	TIME SPENT Present Job
AFSC 431X1  A. ORGANIZING AND PLANNING (CONTINUED)	J IF DONE NOW	1. Very small amount 2. Much below everage. 3. Below everage. 4. Slightly below everage. 5. About everage. 7. Above everage. 9. Much above everage. 9. Very large amount.
25. Plan or prepare unit orientation programs		<b>ക്കാരത്തെക്കാ</b>
26. Plan or schedule leaves or passes		<u> </u>
27. Plan or schedule work assignments		ರಾವಾರಾರಾಧ್ಯಾಥಾರ್ ಭಾರಾ
28. Plan safety programs		೦ಥರ್ಥಥಾರ್ಥ
29. Plan security programs		೦ಥಹಾತ್ರಹಾತ್ರಹಾತ್ರ
30. Plan unit training programs		programma
31. Plan utilization of equipment		000000000
32. Prepare input to mobility plans		COCOCTOTO
33. Prepare justifications for test equipment, special tools, or bench stock		ODDOORCE
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48		೦೦೦೦೦೦೦೦೦೦
l write it an judge 47 br 40		0000000011
		0000000000
B. DIRECTING AND IMPLEMENTING		0000000000
		000000000000000000000000000000000000000
	1	000000000
Adjust daily maintenance plans to meet operational commitments for aircraft	1	0000000000
2. Advise subordinates on resolution of problems	7	೦ಥಾಥಾಥಾಥಾಥಾಥ
3. Compile information for reports or staff studies		0000000000
4. Counsel personnel on personal or military related problems	<del>-  </del>	೦ಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿ
5. Direct aircraft inspection activities		000000000
6. Direct inspection programs		000000000
7. Direct maintenance data collection (MDC) programs		<b>രമാരമാമാമ</b> മ
8. Direct maintenance of facilities		000000000
<ol> <li>Direct maintenance or utilization of equipment, supplies, or work space</li> </ol>		<b>0000000000</b>
CODE 99	(Conti	nued next page)

COCOCO 1. Cheek tasks you perform now (A.	Check	TIME SPENT
2. On the best of the beek, write in any unlisted tests which you do now.  3. In the "Yime Spent" column, rate oil checked in tasks on time spent		Present Job
COCOCO		1. Very small amount.
COCOCOCO AFSC 431X1	) / 	2. Much below average. 3. Selew average.
@@@@@	DONE	4. Slightly bolow average. 3. About average,
8. DIRECTING AND IMPLEMENTING (CONTINUED)	NOW	6. Slightly above average. 7. Above average.
000000	i	S. Much above average. S. Very large amount,
<ol> <li>Direct subordinates in maintaining security standards or procedures</li> </ol>		<b>ാമത്തെത്തെത്</b>
11. Direct subordinates in maintaining work performance		<b>ാ</b> മത്തെയ്യത്ത്വര
12. Direct unit safety programs		<b>മെയോയത്തെയാ</b>
<ol> <li>Direct utilization of technical publications in maintaining aircraft</li> </ol>		O@@@@@@@@
14. Draft changes to job descriptions		<b>©©©©©©©©©</b>
15. Draft correspondence or reports		<b>ാമാരാദ്യമാരാ</b>
16. Implement aircraft weight and balance programs		೦ಥರಾಥಾಥಾಥಾಥ
17. Implement mobility plans		<b>ാമത്തെത്തെത്ത</b>
18. Interpret maintenance procedures on repair of aircraft or related equipment		<b>ാമമത്തെത്തെത്</b>
19. Maintain status boards		0000000000
2u. Orient newly assigned personnel		C000000000
<ol> <li>Prepare request for changes to equipment authorization lists</li> </ol>		ാമത്തേത്തെത്ത്ത
22. Prepare Maintenance Preplan forms (AF Form 2406)		೦೦೦೦೦೦೦೦೦೦
23. Prepare replies to inspection reports		೦೦೦೦೦೦೦೦೦೦೦
24. Prepare unit inspection reports or charts		ഠമത്തരത്തെ
25. Supervise Aircraft Maintenance Specialists (43151)	<u></u>	<b>്യാ</b> യത്യായായത
26. Supervise Aircraft Maintenance Technicians (43171)		<b>്മായതായതായ</b>
27. Supervise Apprentice Aircraft Maintenance Specialists (43131)		<b>ാ</b> മായായായായായായായ
28. Supervise civilian aircraft maintenance personnel		ാരാരാരത്തേര
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		രമാരാരത്തേ
		<b>രമത്തെത്തെ</b>
		<b>ಾರುವಾರುವಾರುವಾ</b>
		000000000
		<b>ാമതന്ത്രത്തെ</b>

00000   00000   00000	1. Check tesks you perform now ( \( \sigma \)). 2. On the back of the back, write in any unlisted tasks which you do now. 3. In the "Time Spont" column, rate all checked ( \( \sigma \)) tasks by time	Check	TIME SPENT Present Job
000000 000000 000000 000000 000000	AFSC 431X1  C. INSPECTING AND EVALUATING	IF DONE NOW	1. Vory small amount, 2. Much below average, 3. Below average, 4. Slightly below average, 5. About average, 6. Slightly above average, 7. Above average, 8. Much above average, 9. Vory large amount,
parts	s of repairable, serviceable, or condemned		<b>രമമരമെയെ</b>
2. Edit or review	w correspondence or reports	į	<b>ക്കാരത്തെ</b>
3. Evaluate corre	osion control programs		<b>രമാ</b> ത്രമായമ
4. Evaluate Qual (SF Form 368	ity Deficiency Reports (Category II) forms )		<b>ପ୍ରତ୍ରତ୍ରତ୍ରତ୍ରତ୍ର</b>
5. Evaluate sugg			<b>നമ്മരത്തന്നത്ത</b>
Reports and I	nical Order System Publication Improvement Reply forms (AFTO Form 22)		<b>നമ്മത്തമത്ത</b> മ
7. Evaluate train			<b>റമ്പു</b> വൈയ്യായ്യായ
	safety practices or procedures	! 	ଦଦଦ ବଦ ବଦ ବଦ ବଦ ବ
Į .	security practices or procedures		0000000000
1	of work space, equipment, or supplies		<b>ക്കാരതത്തെ</b>
1	performance of military personnel		<b>നമ്പാരന്ത്യന്നെ</b>
172. Inspect work	performed by subordinates		<b>കരുത്തുന്നു</b> വരുത്തുന്നു വരുത്തുന്ന്ന്നു വരുത്തുന്നു വരുത്തുന്നു വരുത്തുന്ന് വരുത്തുന്ന് വരുത്തുന്ന്
!	enance equipment		<b>ക്കാരത്തെക്കാ</b>
14. Inspect work a			<b>നമ്പരമ്പര</b> മ്പര
	chnical inspections		ପଦଦ୍ୱ <b>ଉଦ୍</b> ଦେହତ
To. Prepare recomm	mendations for change to training programs		<b>ଦ୍ରଦ୍</b> ରତ୍ତ୍ର ବ୍ରଦ୍ରତ୍ତ୍ର
17. Review aircra	ft records or maintenance forms		<i><b><u></u></b></i>
2406)	otate Maintenance Preplan forms (AF Form		<b>ക്കാരത്തെ</b>
<b>{</b>	ty Monitor Reports (PRM D-18)		<b>നമ്മത്തമത്തെ</b>
NOTE: If any task write it or	you perform under this duty is not listed, n page 47 or 48.		<i>©</i>
			<b>രമാരത്തെത്തെ</b>
			<b>നമ്പാനത്തന്നാ</b>
			<b></b>
			<b>ԾԾԾԾԾ</b> ԾԾԾԾ

1. Check teaks you perform now (/). 2. On the back of the book, write in any unlitted teaks which you do now. 3. In the "Yime Spent" column, rate all checked (/) teaks on time spent	Check	TIME SPENT Present Job
AFSC 431X1  AFSC 431X1  DECEMBED  DE	IF DONE NOW	1. Very smell amount. 2. Much below average. 3. Below average. 6. Slightly below average. 8. About average. 7. Above average. 8. Much above average. 9. Very targe amount.
<ol> <li>Administer oral, written, or performance tests</li> </ol>		<b>ക്കാരത്തെന്നാര</b>
2. Conduct classroom training		000000000
3. Conduct lectures or briefings		0000000000
4. Conduct on-the-job training (OJT)	1	೦೦೦೦೦೦೦೦೦
5. Conduct or attend conferences		000000000
6. Develop OJT materials		೦೦೦೦೦೦೦೦೦
7. Develop proficiency tests	1	೦೦೦೦೦೦೦೦೦೦
8. Direct OJT programs		000000000
9. Evaluate or review Specialty Training Standards (STS)		Cococococ
10. Initiate request for training aids, classrooms, or equipment		000000000
11. Prepare Job Proficiency Guides (JPG) or JPG Continuation Sheets	<del>                                     </del>	coccoccia
12. Prepare requests for career development course (CDC) materials		COCOCCCC
13. Review training progress of individuals		0000000011
14. Select individuals for specialized training courses		0000000011
15. Select or assign instructors or trainers		000303311
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.	†	000000000
		000000000
		000001211
E. MAINTAINING FORMS AND RECORDS		000000000
		000000000
		000000000
1. Initiate or forward Aerospace Vehicle Data Card forms (AF Form 359)		೦೦೦೦೦೦೦೦
Initiate or post entries to Accessory Replacement     Document forms (AFTO Form 781E)		opa papoaa
3. Initiate or post entries to Aerospace Vehicle-Engine Flight forms (AFTO Form 781J)		ಾರಾವರಿಯಾವರಿಯ

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(Continued next page)

1 Check tasks you perform new I/A 2 On the back of the book, write in any unlisted tasks which you do now	Chech	TIME SPENT Present Job
I In the Time Stent - column, rate all check on the time strant in present job		- · <del></del>
		1 Very small amount
AFSC 431X1		2 Much below average 3. Below average
	17	4 Slightly bolow sterage
ത്തെയ്യ	DONE	A About average
COCOCOCO E. MAINTAINING FORMS AND RECORDS	NOW	6. Slightly above average 7. Above average
CONTINUED)	100.00	6 Much above average
		9. Very large amount
4. Initiate or post entries to Aerospace Vehicle Flight Data Document forms (AFTO Form 781)		araidheachdraidh
5. Initiate or post entries to Aerospace Vehicle Flight Report and Maintenance Document forms (AFIO Form 781F)		araharaharahar
6. Initiate or post entries to Aerospace Vehicle Flight		and distribution for
Status and Maintenance Document forms (AFTO Form 781H)		
7. Initiate or post entries to aerospace vehicle inspection forms (AFTO Form 781K)		and ded ded ded ded
8. Initiate or post entries to aircraft historical records		undrahahahahahah
9. Initiate or post entries to Aircraft Inventory Record Certification and Record of Transfers forms (DD Form 780-3)		and declarated and the second
10. Initiate or post entries to Aircraft Inventory Record Equipment List forms (DD Form 780-1)		craharar barararar
11. Initiate or post entries to Aircraft Inventory Record forms (DD Form 780)		and andrandrana
12. Initiate or post entries to Aircraft Inventory Record Shortages forms (DD Form 780-2)		and distribution and the second
13. Initiate or post entries to Airplane Weight Record forms (DD Form 3658)		Canadadadadada
14. Initiate or post entries to Avionics Configuration and Load Status Document forms (AFIO Form 781C)		andrahahahahahaha
15. Initiate or post entries to Calendar and Hourly Item Inspection Document forms (AFTO Form 781D)		araharaharaharah
To. Initiate or post entries to Chart A-Basic Weight Checklist forms (DD Form 365A)		conditional
17. Initiate or post entries to Chart C-Basic Weight and Balance Record forms (DD Form 365C)		्याक्षक्षक्षक्षक्ष
18. Initiate or post entries to Equipment Discrepancies forms (AF Form 2421)		ordinara di
19. Initiate or post entries to General Mission Classification-Mission Symbols forms (AFTO Form 781G)		undrahahahah mah
Initiate or post entries to J/9 Engine Run Up Record forms (AFTO Form 781N)		Caradaaaaaaa
Initiate or post entries to Maintenance Discrepancy and Mork Document forms (AFTO Form 781A)		and distributed by
Thitiate or post entries to Nonpowered AGE Record forms (AFTO Form 454)		्राचावाकाकाकाकाका <u>का</u>
Personne' forms (DD Form 365)		ardrawardrandra
er compost entries to Status Symbols and Functional grown der Forms (AFTO Form 781M)		<i>ാ</i> ൻൻൻൻൻൻൻ
with the state of		ക്കാരക്കാരക്ക
restrict to Weight and Balance Clearance		<b>ർൻൻൻൻൻൻൻ</b>
- or ordel trew Evaluation Report		क्रकेकक्रकेकक्रक
80	Contin	ued next page)

1. Cheek tests you perform new (A).	Check	TIME SPENT
2. On the book of the book, write in any unileted tasks which you do now.  3. In the "Time Spent" column, rate all checked (A tasks on time spent		Present Joo
in present job		<del></del>
	-	1. Very small amount
COCOCOCO AFSC 431X1	7 /	2. Much below sverege. 3. Below sverege.
COCOCOCO AFSIXI	10	4. Slightly below average
	DONE	1. About average.
	1	6. Slightly above average
COCOCOCO E. MAINTAINING FORMS AND RECORDS	NOW	7. Abave average.
CONTINUED)	ł	8. Much above average 9. Very farse amount.
	ļ	
28. Initiate or review Quality Control Inspection Summary forms (AF Form 2420)	<b>—</b>	ാമത്തെയ്യാ
29. Initiate or review Routing and Review of Quality Control Reports forms (AF Form 2419)	<del> </del>	ായയായവായവാ
30. Initiate or review Supply Control Log forms (AF Form	+	
2413)  31 Initiate Technical Order System Publication Improvement	_	AUDUUUUUU AUU
Reports and Reply forms (AFTO Form 22)		
32. Initiate work orders by voice communications		OODDADAGA
33. Maintain or file On-The-Job Training Record forms (AF Form 623)		<b>ാർർത്തെക്കുൻ</b>
34. Maintain standard Air Force publication files		<b>ODTOTOTO</b>
35. Maintain technical publications files		waaraaraa
36. Prepare aircraft maintenance checksheets		ാമവക്തമാവന
37. Prepare Danger tag forms (AF Form 1492)		Opprendent
38. Prepare Issue/Turn-In Request forms (AF Form 2005)		
<ol> <li>Prepare Maintenance Data Collection Record forms (AFTO Form 349)</li> </ol>		COORDANAGA
40. Prepare Naval Aircraft Flight Records forms (OPNAV Form 3760-2)		COORDINATIONS
41. Prepare Personnel Evaluation and Overall MSEP Points Computation forms (AF Form 2418)		and the second
42. Prepare Quality Deficiency Report (Category II) forms (SF Form 368)		្រុំប្រកាស្ចាន់ក្រុ
43. Prepare Reparable Item Processing Tag forms (AFTO Form 350)		COORDOOR
44. Prepare Serviceable Tag-Materiel forms (DD Form 1574)		and and and and
45. Prepare Technical Inspection Points Computation forms (AF Form 2417)		COORDOOD
46. Prepare Temporary Issue Receipt forms (AF Form 1297)		്രമായത്തെയ്യ
47. Prepare Trainer/AGE Maintenance Record forms (AFTO Form 444)		ാമമത്തരമാവവ
48. Prepare Unserviceable (Condemned) Tag-Materiel forms (DD Form 1577)		COORDOODO
49. Research or review aircraft maintenance checksheets	1	<b>ക്കാന് കാന്ത്ര</b>
50. Review or annotate Leave Request/Authorization forms (AF Form 988)		രത്തത്തത്ത്ത
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.	1	ായത്തത്തത്ത്ത

1 Check teaks you perform now (i) 2. On the back of the book, write in any unlisted tasks which you do now. 3 In the "Time Spent" column, rate all checked (i) tasks on time spent	Check	TIME SPENT Present Job
AFSC 431X1  AFSC 431X1  F. PERFORMING SUPPLY FUNCTIONS	IF DONE NOW	1. Very small amount. 2. Much below average. 3. Below average. 4. Slightly below average 5. About average. 6. Slightly above average. 7. Above average. 8. Much above average. 9. Very large amount.
Deliver equipment to precision measuring equipment laboratories (PMEL)		<u> </u>
2. Establish bench stock		<b>ക്കാരത്തെയെയാ</b>
3. Establish priority for requesting parts	1	apapapapa
4. Interpret due-in-from-maintenance (DIFM) listings		<b>മമമമമമയാ</b> മ
5. Inventory bench stock		<b>മെമമ</b> മന്മെമ
6. Inventory tool crib equipment		<b>ക്കാരസ്കാസ്</b>
7. Inventory war readiness spares kits (WRSK)		<u>ರಾಗಾರಾಥಾರಾಥ</u>
5. Issue or receive tools		<b>DODDDDDDDD</b>
5. Locate part numbers from illustrated parts breakdowns		OODOODOU
110. Maintain supply logs		ವರಿಥಾಥಿಥಾಥಿಥಾಗ್
Order parts by voice communications		<b>രമയെയെയെയെ</b>
Prepare DOD Single Line Item Release/Receipt Document forms (DD Form 1348M)		<b>മെമെമെമെമെ</b> മ
13. Prepare quick reference lists for ordering parts		<b>മമമരസം</b> കമമ
Research quick reference lists for ordering parts		DODODODOTA
75. Research supply publications		മായായായയായായ
io. Review or annotate daily document registers		000000000
17. Sign for parts		<b>നമ്മരമുന്നു</b>
Trace location of undelivered parts		panenanana
Verify identification of parts		രമരത്തെക്കര
MOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		<b>იდდდდდდდ</b>
		<b>മമമമമനമാന</b> ന
		OOOOOOOO
		<b>ക്കെയ്യെയ</b> ്യുന്നു

1. Check tasks you perform new (A).	Check	TIME SPENT
2 On the back of the book, write in any unlisted table which you do now.  3. In the "Yime \$pent" column, rate all checked i € tasks on time spent.		Present Job
in present job	<u> </u>	·
00000	1	I. Very small amount.
	<del></del> i , .	2. Much below average.
AFSC 431X1	1	3. Edlow sverage.
<b>,</b> — — — — <b>,</b>	IF.	4. Slightly below average
	DONE	1. About sverage.
G. PERFORMING GENERAL AIRCRAFT MAINTENANCE		6. Slightly above average.
G. PERFORMING GENERAL AIRCRAFT MAINTENANCE	NOW	7. Above sverage.
		6. Much shave sverage
	1	9. Very large amount.
	i	1
	<u>_l</u>	] [
1. Adjust aircraft access doors or hatches		$\Phi$
11.11	- 1	i i
2. Adjust aircraft door linkage or latching mechanisms		00000000
2. Adjust affectant door finkage of fatching mechanisms	!	
		<u> </u>
3. Adjust air deflector doors	į	
4. Adjust ammunition hoist cables	<del></del>	ΦΦΦΦΦΦΦΦΦΦ
voluge animalisation morat capies	J	
		<b> </b>
5. Adjust bomb bay doors	Į.	$\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi$
	i	]
6. Adjust canopy latch mechanisms		ΦΦΦΦΦΦΦΦΦΦ
Tagast canopy ratti methanisms	i	
		<del> </del>
7. Adjust crewmember seat locking mechanisms	1	
	1	1
8. Adjust dragchute system components		0000000000
o. Adjust dragenate system components	1	000000000
9. Apply sealing compounds to aircraft components such as	j	<b>മെമെത്തെയ്യാ</b>
<ol> <li>Apply sealing compounds to aircraft components such as panels or windshields</li> </ol>	ļ	1
10. Brighten aircraft surfaces		0000000000
To. Dirigines arrest surraces	1	
		ļ
11. Clean external surfaces of aircraft other than transparen	t i	
surfaces :	Į.	!
12. Clean interior of aircraft such as crew compartments or		0000000000
f '- orear meet or a retrail such as crew compartments or		0000000000
Cargo compartments		<u> </u>
13. Clean transparent surfaces such as windshields	1	
	ŀ	i .
14. Drain ARC-96 antenna hydraulic motor spill reservious		2222222
14. Drain ARC-96 antenna hydraulic motor spill reserviors	i	ΦΦΦΦΦΦΦΦΦΦΦ
		<u> </u>
15. Drain water from cockpits		000000000
1	1	]
16. Drain water from pitot static systems	<del>-+</del>	ΦΦΦΦΦΦΦΦΦΦ
16. Drain water from pitot static systems	1	
		<b></b>
17. Energize or deenergize circuit breakers		$\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi$
y a contract y == whome or contract	į	ו -
18. Evaluate performance of new or redesigned tools		1000000000
18. Evaluate performance of new or redesigned tools	1	
		<b>}</b>
19. Evaluate unsatisfactory report (UR) results	1	0000000000
The second secon	1	1
20. Identify types of corrosion		000000000
20. Identify types of corrosion	1	
		<b>↓</b>
21. Inspect aircraft access door hardware	1	0000000000
	ł	{
22. Inspect aircraft access doors or hatches	<del>                                     </del>	00000000
22. Inspect aircraft access doors or hatches	· }	0000000000
	_	<del> </del>
23. Inspect aircraft access door seals	i	<b>രമെത്തെയായ</b>
,		(
24. Inspect aircraft emergency tools	7	000000000
inspect aircraft emergency tools	Ĭ.	
1	1	i

DODOOO 12. On the back	you perform now (d). I of the book, write in any unlisted tesks which you do now to Spant" column, rate all checked (d) tasks on time spant	Check	TIME SPENY Present Job
(CO	AFSC 431X1 ORMING GENERAL AIRCRAFT MAINTENANCE NTINUED)	IF DONE NOW	1. Very small amount 2. Much below average 3. Below average 4. Slightly below average 5. About average 6. Slightly above average 7. Above average 8. Much above average, 9. Very large amount.
25. Inspect aircraft panel	S		<b>ംമത്തെയെത്തെ</b>
26. Inspect aircraft windo	ws or windshields		ാമമരമമമമമ
27. Inspect airframe for s			anananana
28. Inspect ammunition hoi	st cables		<u>ാമയത്തയത്തെ</u>
29. Inspect assist-type ta	keoff (ATO) racks		<u>୍ରଦଦ୍ୱରଦ୍ୱରଦ୍ୱଦ୍ୱ</u>
30. Inspect bilge pumps			<b>©</b>
31. Inspect dragchute syst	ems		<u>രമാരമാമാരാവ</u>
32. Inspect instrument mar	kings		<b>ക്കാരത്തന്</b> കാരന
33. Inspect life raft stow	vage .		<b>ക്കാരമരമരുന്ന</b>
34. Inspect portable fire	extinguishers		<u>ಂ</u> ಹರಾತ್ರಾಥವಾಗ್ರಾಹ್ಮ
35. Inspect relief facilit	ies		<b>മെമെമെമെയ</b> ന്ന
36. Inspect seats, seatbe	ts. inertial reels, or shoulder		© Ф Ф Ф Ф Ф Ф Ф Ф Ф
37. Inspect sextant mounts			
38. Install or remove life	e rafts		
39. Load or unload aircra	ft explosive cartridges		
40. Load or unload aircra	ft munitions		<b>ക്കാരത്തെയാ</b>
41. Load or unload cameras	or other pods		<b></b>
42. Load or unload cargo			<b>ക്കാനത്തെയാ</b>
43. Lubricate cargo or box	nb doors		ФФФФФФФФФ
44. Lubricate seat adjustr	ment rails		<b>Ծ</b> ԾԾԾԾԾԾԾԾ
45. Operate expedite vehic	cles		<b>ക്കാരത്തന്</b> ക്കുക
46. Operationally check a	ircraft doors		<b>മ</b> മമമമമയയമ
47. Operationally check a	ircraft hoists		<b>രത്തെത്തതത്ത</b>
48. Operationally check co	anopy systems		<b>തമത്തെത്തെ</b>
CODE 99	DA .	(Contir	nued next page)

1. Check tests you portorm new (A). 2. On the best of the best, write in any unlisted tests which you do new.	Check	TIME SPENT Present Job
3. In the "Time Spent" column, rate all checked (if tasks on time spent in present job.		
	1	1. Very small amount.
AFSC 431X1	7 /	2. Much below average, 3. Below average,
	18	4. Slightly below sverage
00000	DONE	5. About average.
G. PERFORMING GENERAL AIRCRAFT MAINTENANCE	NOW	6. Slightly above average.
	NOW	7. Above average.
CONTINUED)	1	5. Much above everage.
	}	9. Very large amount.
49. Operationally check cargo ramp systems		000000000
50. Operationally check dragchute system deployment or release mechanisms	-	<b>റമമമമെമ</b> മ
51. Operationally check seat adjustment systems		<b>©</b> മമേമമെമ്മമ
52. Operationally check sextant mounts		<b>മാ</b> ത്രത്തെത്ത
53. Perform extended cold weather preflights		<b>രമാരാരാര</b> ത്ത
54. Perform home station checks (HSC)		<b>ം</b>
55. Perform maintenance debriefings of crewmembers		
56. Prepare aircraft for loading or unloading munitions		000000000
57. Prewarm and set inertial navigation equipment		0000000000
58. Read or interpret aircraft system blueprints		000000000
59. Read or interpret aircraft system layout drawings		0000000000
60. Read or interpret graphs or charts		೦೦೦೦೦೦೦೦೦
61. Read or interpret schematics		<b>റമ്മ</b> രമ്മമായമ
62. Recover or deliver dragchutes		ධ <b>ගගගගගගගග</b> ග
63. Remove or replace aircraft access doors or hatches		0000000000
64. Remove or replace aircraft access door hardware such as screws or rivets		000000000
65. Remove or replace aircraft access door seals		000000000
66. Remove or replace aircraft access panels		<b>നമാരത്തെ</b>
67. Remove or replace aircraft panel fasteners		<b>©©©©©©©©</b>
68. Remove or replace ammunition hoist cables		0000000000
69. Remove or replace ARC-96 antenna system aircharge bottles		000000000
70. Remove or replace ARC-96 antenna system cable cutters		000000000
71. Remove or replace ATO racks		<b>೧000000000</b>
72. Remove or replace canopies		<b>റരക്കു</b> ക്കേക്ക

1. Check tasks you serform new (1). 2. On the back of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (1) tasks on time spent in present job.	Check	TIME SPENT Present Job
AFSC 431X1  COCOCCO  COCOCOC  COCOCCO  COCOCO  COCOCOCO  COCOCO	J IF DONE NOW	1. Very small amount. 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 6. Slightly above average. 7. Above average. 8. Much above average. 9. Very large amount.
73. Remove or replace crewmember seatbelts		രമാവരമാരവര
74. Remove or replace crewmember seat inertial reels		<b>@@@@@@</b>
75. Remove or replace crewmember seats		<u>രമതതതതതതത</u>
76. Remove or replace crewmember seat locking mechanisms	<u> </u>	<i>ರಾಶಾಥಾ</i> ಥಾಥಾಥಾಥ
77. Remove or replace crewmember seat shoulder harnesses		<u>രമമതമരാമന</u>
78. Remove or replace dorsal fins		<b>©©©©©©©©©</b>
79. Remove or replace dragchute systems		೦ಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿ
Remove or replace electronic countermeasures (ECM) scopes or ECM control panels		೦೩೩೩೩೩೩೩೩೩
51. Remove or replace engine struts or engine pylons	1	<b>കരെത്തെത്ത</b>
o2. Remove or replace flight instruments	1	©200000000
<ol> <li>Remove or replace gun purge doors</li> </ol>	1	000000000
64. Remove or replace hatch hardware such as screws or rivets		೦ಥಾರಾಥಾಥಾಥಥಾಥ
85. Remove or replace horizontal stabilizer leading edges		<b><u><b><u>o</u></b></u> <u>o</u> <u>o</u> <u>o</u> <u>o</u> <u>o</u> <u>o</u> <u>o</u> <u>o</u> <u>o</u> <u>o</u></b>
లేం. Remove or replace instrument panels		രമായത്തായ
67. <b>Remove</b> or replace leading edge bleed air ducts	1	তক্ষকককককক
sô. <b>Remove</b> or replace photoflash doors		രമനത്തെത്തെ
හ9. <b>Remove</b> or replace pressure seals		യമാത്രമായമായ
40. Remove or replace protective coverings such as pitot tube coverings	1	<i>നമ്പയമത്ത</i> രത്ത
नो. Remove or replace radome hardware		<b>ം</b> മവരായ നേത്രത്ത്രത്ത
y2. Remove or replace radomes		<b>ODDODDDDD</b>
93. Remove or replace radome seals		<b>തെയെയെയാ</b>
94. Remove or replace relief facilities or components		<b>ക്കാരത്തെയ്</b>
95. Remove or replace safety devices	T	<b>രമ്പരമമ്പന്ത</b>
yó. Remove or replace sextant mounts	1	மக்கைக்கைக்

	1. Check tests you perform new (A). 2. On the back of the back, write in any unitered tests which you do new, 3. In the "Time Spont" column, rate all checked (A) tests on time apont in present job.	Cheek	TIME SPENT Present Job
######################################	AFSC 431X1  G. PERFORMING GENERAL AIRCRAFT MAINTENANCE (CONTINUED)	IF DONE NOW	1. Very small amount, 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 6. Slightly apore average. 7. Above average. 8. Much above average. 9. Very large amount,
97. Remove or repl			<b>നമത്തത്തെ</b>
98. Remove or repl	ace troopseat hardware such as screws or		<b>മക്കരത്തെയാ</b>
	ace troopseat seatbelts		<b>മെയയയയയയ</b>
	ace vertical fin leading edges		0000000000
101. Remove or repl			000000000
102. Remove or repl nesa glass	ace windows or windshields including		0000000000
	ace wing leading edges		000000000
104. Remove or repi	ace wings or wing tips		000000000
105. Remove, replac	e, or add ballast	1	000000000
106. Remove scratch	nes from transparent surfaces		000000000
107. Research techn procedures	nical publications to determine maintenance		0000000000
108. Rig life raft	release systems		0000000000
109. Rig or adjust	ram air turbine (RAT) doors		000000000
110. Safety wire ai	ircraft hardware		0000000000
111. Service ARC-96	antenna accumulators		000000000
112. Service relief	ffacilities	1	000000000
113. Straighten air	rcraft panels or remove small dents		000000000
114. Troubleshoot a	ammunition hoist cables		000000000
115. Troubleshoot s	sextant mounts		000000000
116. Visually inspe	ect alignment of aircraft structures	1	000000000
117. Visually inspe	ect ARC-96 antenna accumulators	1	000000000
118. Visually inspe	ect ARC-96 antenna dehydrator crystals	1	000000000
119. Visually inspe	ect ARC-96 antenna drogues	<del>                                     </del>	000000000
120. Visually insper	ect ARC-96 antenna hydraulic motor drain	1	000000000
		4	<u> </u>

1. Check teaks you perform now (/). 2. On the back of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (/) tasks on time spent	Check	TIME SPENT Present Job
COCOCOCO In present lob.		Very small amount.     Much below average.
CDCDCDCD	15	3. Below average, 4. Slightly below average, 5. About average,
G. PERFORMING GENERAL AIRCRAFT MAINTENANCE (CONTINUED)	NOW	Slightly above average.     Slightly above average.     Above average.     Much above average.     Very large amount.
121. Visually inspect ARC-96 antenna inclosures or hydraulic hoses		<b>്രത്തെത്തെത്ത</b>
122. Visually inspect ARC-96 antenna retractable spools		<b>നമർമെർമർ</b> മ
123. Visually inspect ejection seat safety pins		<b>മമമമമമമമമ</b>
124. Visually inspect ejection systems		<b>തമനതമനമന</b> മ
125. Visually inspect emergency escape systems		<b>കരുത്തെയുന്നു</b>
126. Visually inspect first-aid kits for availability		
127. Visually inspect survival kits for availability		<b>000000000</b>
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		<b>ക്കാരത്തെത്ത</b>
		<b>ക്കാരത്തെ</b>
		<b>രമെത്രത്തെ</b>
H. PERFORMING GROUND HANDLING OF AIRCRAFT		<b>ക്കാരത്തെക്കു</b>
		<b></b>
		<b>ക്കാരത്തെയുന്നു</b>
1. Bleed aircraft hydraulic systems		<b>രമ്മത്തന്നെന്ന</b>
2. Bleed aircraft pneumatic systems		<b>്രത്തെത്തെ</b>
3. Bleed aircraft thrust augmentation systems		<u>രമനത്തനതന്നെ</u>
4. Brief aircraft touring teams		<b>നമയനമയയാ</b> യ
5. Brief tow team members		ാമകരമെയെയ
6. Direct fueling or defueling of aircraft		<b>രമ്മരമമമയാ</b>
7. Direct jacking of aircraft		<b>മമമമമമമമ</b> മ
8. Drain aircraft engine oil systems		<b>നമത്തനതനതന</b>
9 Drain aircraft fuel service systems		<b>രമായമായമായ</b>
10. Fold or erect vertical fins		രമരതതരമമ
11. Fold or unfold aircraft wings		<b>രാമത്തെയരത്ത</b>
CODE SO 88	Contin	ued next page)

<b></b>			
	<ol> <li>Check tasks you perform new (A).</li> <li>On the back of the back, write in any unlisted tasks which you do new.</li> <li>In the "Yime Spent" column, rese all checked (A) tasks on time spent</li> </ol>	Check	TIME SPENT Present Job
000000	In present job.  AFSC 431X1	-	1. Very small amount, 2. Much below average, 3. Selow everage.
	NI 30 431X1	16	4. Slightly below average.  5. About average.
@@@@@	H. PERFORMING GROUND HANDLING OF AIRCRAFT	DONE	6. Slightly above average. 7. Above average.
	(CONTINUED)		8. Much above average, 9. Very large amount.
			o. Very large smeasur.
12. Fuel aircraft	using hot refueling methods		<b>000000000</b>
13. Fuel aircraft	using hydrant refueling methods	-	<b>മമാമാമാമാ</b>
14. Fuel aircraft	using over-wing refueling methods	<del>                                     </del>	000000000
15. Fuel aircraft	using single-point refueling methods		
is. ruel aircraft	using single-point relucing methods		<b>നമാരാരത്തെ</b>
16. Ground aircraf			<b>ФФФФФФФФ</b>
17. Hangar aircraf	ft		<b>ഗമരംഭരമെ</b>
18. Install or rem	nove aircraft decals		<b>നമാർദ്യോർ</b>
19. Interpret Nort aircraft mark	th Atlantic Treaty Organization (NATO)		<b>രമെമെമെമെ</b> മ
20. Jack aircraft			<b>ാമ</b> യയയയയയ
21. Launch or reco	over aircraft		ΦΦΦΦΦΦΦΦΦΦ
22. Level aircraft			000000000
23. Lift aircraft	by air bags		0000000000
24. Marshal aircra	ift		0000000000
25. Measure ground	height of aircraft		0000000000
26. Moor aircraft	by refueling or sandbagging		Q <b>Q</b> QQQQQQQQ
27. Moor aircraft	by tying down		<b>നമാരവരാവര</b>
28. Operate aerosp equipment	pace ground equipment (AGE) air conditioning		<b>രമാര്യമുമാ</b> യയ
29. Operate AGE an	r compressors		<b>രമാദ്യമാദ്യമാ</b>
30. Operate AGE do	ollies, slings, or cradles		000000000
31. Operate AGE ga	as turbine compressors		000000000
32. Operate AGE gr	round heaters		<b>©©©©©©©©</b>
33. Operate AGE hy	ydraulic test stands		000000000
34. Operate AGE po	ortable generators		<b>രമെ</b> മ്മമമമ
35. Operate AGE po	ortable lighting equipment		000000000
The second secon			

(Continued next page)

	tasks you perform now (d). back of the book, write in any unlisted tasks which you do now, "Time Spont" column, rate all checked (d) tasks on time spont	Check	TIME SPENT Present Job
GOOGGO	AFSC 431X1  ERFORMING GROUND HANDLING OF AIRCRAFT (CONTINUED)	IF DONE NOW	1. Very small amount. 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 6. Slightly above average. 7. Above average. 8. Much above average. 9. Very large amount.
36. Operate aircraft co	ckpit controls during towing operations		<b>രനമരനമരമ</b> മ
37. Operate aircraft ra	dios		<u></u>
38. Operate aircraft wh			Q <b>QQQQQQQQ</b>
39. Operate hydraulic s			$\Box$
40. Operate maintenance			<b>മെർമെ</b> ർവുന്നു
41. Operate tow vehicle			<b>ക്കെയ്യെയ്യെയ്</b>
42. Operate wing sweeps			000000000
43. Perform stab droop			\(\phi\) \(\
44. Position AGE to air			O D D D D D D D D D
45. Position or remove	·		<b>ക്കാരത്തെ</b>
	ions to impound or quarantine aircraft		\(\phi\) \(\
47. Quick check aircraf			\(\text{O}\text{D}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\text{O}\tex
48. Remove disabled air	•		0000000000
49. Remove, install, or			000000000
50. Remove or install e			0000000000
	from aircraft by using AGE		0000000000
1	from aircraft manually		0000000000
or exterior surfac			<b></b>
	r lubricant for aircraft servicing		വമയമെയ്യാന്
	ternator or generator drives		00000000000
56. Service aircraft en	·		0000000000
57. Service aircraft hy			೦ಥಥಥಥಥಥಥಥ
	ygen systems with gaseous oxygen		000000000
59. Service aircraft ox	ygen systems with liquid oxygen		$\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi$
	00	(Contin	ued next page)

1. Check tests you perform now (f). 2. On the back of the book, write in any unlisted tests which you do now. 3. In the "Time Spent" column, rate all checked (f) tasks on time spent in present job.	Check	TIME SPENT Present Job
AFSC 431X1  AFSC 431X1  H. PERFORMING GROUND HANDLING OF AIRCRAFT (CONTINUED)	IF DONE NOW	1. Vory small amount. 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 6. Slightly above average. 7. Above average. 8. Much above average. 9. Vory large amount.
60. Service aircraft thrust augmentation systems		ാമമകരമരാവ
61. Service aircraft pneumatic systems		<b>ംമാ</b> ത്രത്തെന്നു
62. Service aircraft tires with air	1	SOCOSOS
63. Service aircraft tires with nitrogen	1	೦೦೦೦೦೦೦೦೦
64. Stand cold weather heater watch		<u> ಹಾರಾಥಾಥಾಥ</u> ರಾಥ
65. Stand fire guard		coasassas
66. Take engine oil samples for spectrometric oil analysis program (SOAP)		Sossassas
67. Walk wings or tails during aircraft towing operations	1	೧೦೦೦೦೦೦೦
68. Weigh aircraft	<del>-  </del> -	೦೦೦೦೦೦೦೦೦
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		COOCCCCT
		Correrer
		CDDCCCTT
I. MAINTAINING LANDING GEAR SYSTEMS		Coacacara
		Coadarcar
		COCCCCCC
1. Adjust aircraft crosswind systems or components		opavaroas
2. Adjust landing gear mechanical components		coassacia
3. Adjust landing gear ski systems	1	COGGGGGGGG
4. Adjust landing gear steering mechanism components		Caracacca
5. Bleed brake assemblies		Coronocas
6. Break down tires	1	ರಾಭಾವಾಧಾವಾಧ್ಯಾಥ
7. Build up tires		ರಾವಾದವಾರವಾರ
8. Clean polished surfaces of struts		Caccacaca
9. Determine feasibility of retreading aircraft tires		ುವವಾತವಾದವಾರು

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Check teaks you perform now (4)	Check	TIME SPENT
2 On the back of the book, write in any unlisted tasks which you do now 3 in the Time Spent column rate all checked (A tasks on time spent	ļ	Present Joh
DODOO In present job.		
AFSC 431X1	-	Very small amount     Much below average.
	1	3. Below sverage.
	) IF	4. Slightly below average
T MAINTAINING LANDING SEAD GUSTENS	DONE	5. About average. 6. Slightly above average
I. MAINTAINING LANDING GEAR SYSTEMS	NOW	7. Above average
CONTINUED)		B. Much above average.
		9. Very large amount
ic. Inspect aircraft arresting gear components	<del>                                     </del>	Saarta Maa
ill. Inspect aircraft arresting gear systems		. 4.30 ft \$ \$07 ft \$
Inspect aircraft crosswind system or components		വയത്തിരുന്നത
lis. Inspect aircraft landing gear arresting hooks	†	्याक्षास्त्र व्यवस्थ
14. Inspect aircraft steering systems		Carama a main
1 ib. Inspect aircraft wheel assemblies		তক্ষত দেশৰ সামৰ
: 10. Inspect anti-skid systems or components		ರಾವಾತಾತ್ಮವಾತ್ಮಕ
1 · · Inspect braking system components		Carres no a r
inspect landing gear electrical components		<u> </u>
ा प्यः Inspect landing gear hydraulic components		042044544
inspect landing gear ski systems	<u> </u>	CONTRACTOR
1-1. Inspect landing gear structural components		Crostocia
Inspect nosewheel steering components		Carararana
: =3. Inspect struts		បង្គោលសមាន នាធា
I Inspect wheel bearings		ರಾಧ್ಯಕ್ಷಕ್ಷಣ ಪ್ರತಿಕೃತ್ತಿ
Inspect wheels		
Lubricate struts		COCOCCCC
Lubricate wheel bearings		्या अनुसर्वे वा उत्तर व
Operate aircraft kneeling systems	1	Caraterarana
9. Operationally check aircraft arresting gear systems		्याकारात्र अञ्चल
Operationally check aircraft crosswind systems or components		ज्याकराव क्राक्षक
31. Operationally check aircraft kneeling systems		্ৰাক্তক্তক সকৰ
32. Operationally check aircraft landing gears		<u>्यक्षक्रक्रक्रक</u> ा
33. Operationally check aircraft landing gear arresting hooks		তক্ষাৰ কৰা হব্যক
	<del></del>	

(Continued next page)

1. Check tasks you perform now (4). 2. On the back of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (4) tasks on time spent	Check	TIME SPENT
	-	Very small emount.     Much below average.     Below average.
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34. Operationally check aircraft steering systems		<b>കരെത്തെത്ത</b> ര
35. Operationally check anti-skid systems		
36. Operationally check brake systems	1	<b>©</b>
37. Operationally check landing gear indicator systems		೦ಥರಾಪತ್ರಾಥವಾಥ
38. Operationally check landing gear ski systems		೦೦೦೦೦೦೦೦೦೦
39. Operationally check nosewheel steering systems or components		000034004
40. Operationally check tip or outrigger struts		೦ಥರಾರ್ಥವಾಗ
41. Remove or replace aircraft arresting gear components		COOCEGECE
42. Remove or replace aircraft arresting gear systems		೦೦೦೦೮೮೮೮೮
43. Remove or replace aircraft crosswind system components		0000000000
44. Remove or replace aircraft steering system components		Opposite
45. Remove or replace aircraft tire or wheel assemblies		Coasaacaa
46. Remove or replace anti-skid system components		COCCCCCC
47. Remove or replace brake assemblies		ರಾಹಾತ್ವವನ್ನು ಈ ಚ
48. Remove or replace brake assembly components		ರಾಹಾತ್ಯಾತ್ರವ ಪ್ರಾಣ
49. Remove or replace components of gear doors		Consessor
50. Remove or replace gear doors	1	COOCEACTA
51. Remove or replace landing gear electrical system components		Cooperagner for
52. Remove or replace landing gear hydraulic system components		ರಾಭಾತಾತ್ವಾಗಿ ಪ್ರಾಥ
53. Remove or replace landing gear ski system components		Caronara
54. Remove or replace landing gear structural components such as metal braces		COOCOOCACAA
55. Remove or replace landing gears	1	क्षात्रक क्षात्र है क
56. Remove or replace shimmy dampers		To the specific to the
57. Remove or replace struts		SP00 11 114

2. On the back of the book, write in any unified tasks which you do not.  DOCODODOD  DOCODODOD  In the "Time Sperii" colyme, rate all checked (v) tasks on time spent in present job.  AFSC 431X1  J. Wary small amount.  I. MAINTAINING LANDING GEAR SYSTEMS  DOOD  COODODODOD  CONTINUED)  I. MAINTAINING LANDING GEAR SYSTEMS  COODODODOD  COODODODOD  I. MAINTAINING LANDING GEAR SYSTEMS  COODODODODO  OO. Service attrict components  Oo. Service attrict landing gear arresting hooks  DI. Service attrict landing gear ski systems  Oo. Service attrict landing gear ski systems  Oo. Service attrict leveling cylinders with air  Oo. Service attrict leveling cylinders with hydraulic fluid  Oo. Service snubbers with hydraulic fluid  Oo. Service snubbers with hydraulic fluid  Oo. Service struts with nitrogen  Oo. Troubleshoot aircraft treeling systems or components  Oodododododo  Oodododododododododododo				<del></del>	······································
2. On the back of the back, with a large with a set the set the set the set of the back of			1. Check tasks you perform now (√).	Chack	TIME SPENT
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AFSC 431X1  AFSC 431X1  AFSC 431X1  I. MAINTAINING LANDING GEAR SYSTEMS  COMPONED  CONTROLL  I. MAINTAINING LANDING GEAR SYSTEMS  COMPONED  CONTROLL  I. MAINTAINING LANDING GEAR SYSTEMS  CONTROLL  CONTROLL  I. MAI	0	8	3. In the "Time Spent" column, rate all checked ( ) tasks on time		
AFSC 431X1  COCOCOCOCO COCOCOCOCOCOCOCOCOCOCOCOCO		$\mathbf{\omega}$	1		
DOCUMENT OF TRUITED OF				-{	
I. MAINTAINING LANDING GEAR SYSTEMS CONDOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOC			AFSC 431X1		
I. MAINTAINING LANDING GEAR SYSTEMS  CONTINUED  1. Maintaining gear systems or components  Continued  1. Maintaining gear systems or components  Continued  Continue					
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(CONTINUED)  100   Remove or replace strut components   C	0		I MAINTAINING LANDING GEAR SYSTEMS	DOME	
Nemove or replace strut components   Service arrivership	i oo			Jone	
So. Remove or replace strut components  59. Rig landing gear systems or components  60. Service aircraft landing gear arresting hooks  61. Service aircraft landing gear ski systems  62. Service aircraft leveling cylinders with air  63. Service aircraft leveling cylinders with hydraulic fluid  64. Service brake systems  65. Service snubbers with air  66. Service snubbers with hydraulic fluid  67. Service struts with air  68. Service struts with hydraulic fluids  69. Service struts with irrogen  70. Troubleshoot aircraft arresting gear systems or components  71. Troubleshoot aircraft kneeling systems or components  72. Troubleshoot aircraft landing gear hydraulic systems or components  73. Troubleshoot aircraft kneeling systems or components  74. Iroubleshoot aircraft landing gear mechanical systems or components  75. Troubleshoot aircraft tosewheel steering systems or components  76. Troubleshoot aircraft steering systems or components  77. Troubleshoot aircraft steering systems or components  78. Troubleshoot aircraft steering systems or components  79. Troubleshoot aircraft steering systems or components  79. Troubleshoot aircraft steering systems  79. Troubleshoot landing gear ski systems or components  79. Troubleshoot tip or outrigger struts  79. Troubleshoot tip or outrigger struts	1		(CONTINUED)	NOM	
59. Rig landing gear systems or components  59. Rig landing gear systems or components  60. Service aircraft landing gear arresting hooks  61. Service aircraft landing gear ski systems  62. Service aircraft leveling cylinders with air  63. Service aircraft leveling cylinders with hydraulic fluid  64. Service brake systems  65. Service shubbers with air  66. Service snubbers with hydraulic fluid  67. Service struts with hydraulic fluid  68. Service struts with hydraulic fluids  69. Service struts with nitrogen  70. Troubleshoot aircraft arresting gear systems or components  72. Troubleshoot aircraft crosswind system or components  73. Troubleshoot aircraft landing gear hydraulic systems or components  74. Troubleshoot aircraft landing gear mechanical systems or components  75. Troubleshoot aircraft steering systems or components  76. Troubleshoot aircraft steering systems or components  77. Troubleshoot aircraft steering systems or components  78. Troubleshoot aircraft steering systems or components  79. Troubleshoot anti-skid systems or components  79. Troubleshoot landing gear ski systems or components  79. Troubleshoot tip or outrigger struts  79. Troubleshoot tip or outrigger struts	<b></b>			[	
59. Rig landing gear systems or components  O. Service aircraft landing gear arresting hooks  D. Service aircraft landing gear ski systems  O. Service aircraft leveling cylinders with air  OODOODOODOODOODOODOODOODOODOODOODOODOO	1 1	} }		<b>{</b>	7. Very large amount.
50. Service aircraft landing gear arresting hooks  51. Service aircraft landing gear ski systems  52. Service aircraft leveling cylinders with air  53. Service aircraft leveling cylinders with hydraulic fluid  54. Service brake systems  55. Service snubbers with air  56. Service snubbers with hydraulic fluid  57. Service struts with air  58. Service struts with hydraulic fluid  59. Service struts with nitrogen  59. Service struts with nitrogen  50. Iroubleshoot aircraft arresting gear systems or components  50. Iroubleshoot aircraft kneeling systems or components  50. Iroubleshoot aircraft landing gear hydraulic systems or components  59. Iroubleshoot aircraft landing gear hydraulic systems or components  50. Iroubleshoot aircraft streeting systems or components  50. Iroubleshoot aircraft streeting systems or components  51. Iroubleshoot aircraft steering systems or components  52. Iroubleshoot aircraft steering systems or components  53. Iroubleshoot aircraft steering systems or components  54. Iroubleshoot aircraft steering systems or components  55. Iroubleshoot aircraft steering systems or components  56. Iroubleshoot aircraft steering systems or components  57. Iroubleshoot aircraft steering systems or components  58. Iroubleshoot aircraft steering systems or components  59. Iroubleshoot aircraft steering systems or components  60. Iroubleshoot aircraft steering systems or components  61. Iroubleshoot aircraft steering systems or components  62. Iroubleshoot aircraft steering systems or components  63. Iroubleshoot aircraft steering systems or components  64. Iroubleshoot aircraft steering systems or components  65. Iroubleshoot aircraft steering systems or components  66. Iroubleshoot aircraft steering systems or components  67. Iroubleshoot aircraft steering systems or components  68. Iroubleshoot aircraft steering systems or components  69. Service struts with hydraulic fluid  69.	50.	Remove or rep	place strut components		രമാരമമെയാമ
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62. Service aircraft leveling cylinders with air  63. Service aircraft leveling cylinders with hydraulic fluid  64. Service brake systems  65. Service snubbers with air  66. Service snubbers with hydraulic fluid  66. Service snubbers with hydraulic fluid  67. Service struts with air  68. Service struts with hydraulic fluids  69. Service struts with nitrogen  69. Service struts with nitrogen  69. Iroubleshoot aircraft arresting gear systems or components  69. Troubleshoot aircraft crosswind system or components  69. Troubleshoot aircraft kneeling systems or components  69. Troubleshoot aircraft landing gear hydraulic systems or components  69. Troubleshoot aircraft landing gear mechanical systems or components  69. Troubleshoot aircraft steering systems or components  69. Troubleshoot landing gear ski systems or components	60.	Service airci	raft landing gear arresting hooks		<b>്മ</b> മരമമമമമ
103. Service aircraft leveling cylinders with hydraulic fluid  104. Service brake systems  105. Service snubbers with air  106. Service snubbers with hydraulic fluid  107. Service struts with hydraulic fluid  108. Service struts with hydraulic fluids  109. Service struts with nitrogen  109. Service struts with nitrogen  109. Troubleshoot aircraft arresting gear systems or components  109. Troubleshoot aircraft crosswind system or components  109. Troubleshoot aircraft kneeling systems or components  109. Troubleshoot aircraft kneeling systems or components  109. Troubleshoot aircraft landing gear hydraulic systems or components  109. Troubleshoot aircraft landing gear hydraulic systems or components  109. Troubleshoot aircraft landing gear mechanical systems or components  109. Troubleshoot aircraft steering systems or components  109. Troubleshoot landing gear ski systems or components  109. Troubleshoot landing gear ski systems or components  109. Troubleshoot landing gear ski systems or components  109. Troubleshoot tip or outrigger struts  100. Troubleshoot tip or outrigger struts	61.	Service aircr	ratt landing gear ski systems		ഠമരശേരത്ത
103. Service aircraft leveling cylinders with hydraulic fluid  104. Service brake systems  105. Service snubbers with air  106. Service snubbers with hydraulic fluid  107. Service struts with hydraulic fluid  108. Service struts with hydraulic fluids  109. Service struts with nitrogen  109. Service struts with nitrogen  109. Troubleshoot aircraft arresting gear systems or components  109. Troubleshoot aircraft crosswind system or components  109. Troubleshoot aircraft kneeling systems or components  109. Troubleshoot aircraft kneeling systems or components  109. Troubleshoot aircraft landing gear hydraulic systems or components  109. Troubleshoot aircraft landing gear hydraulic systems or components  109. Troubleshoot aircraft landing gear mechanical systems or components  109. Troubleshoot aircraft steering systems or components  109. Troubleshoot landing gear ski systems or components  109. Troubleshoot landing gear ski systems or components  109. Troubleshoot landing gear ski systems or components  109. Troubleshoot tip or outrigger struts  100. Troubleshoot tip or outrigger struts	02.	Service airci	raft leveling cylinders with air	<del> </del>	
b4. Service brake systems  b5. Service snubbers with air  b5. Service snubbers with hydraulic fluid  b6. Service struts with air  b6. Service struts with air  b6. Service struts with hydraulic fluids  b6. Service struts with hydraulic fluids  b6. Service struts with hydraulic fluids  b6. Service struts with nitrogen  b6. Service struts with nitrogen  b6. Service struts with nitrogen  b6. Troubleshoot aircraft arresting gear systems or components  b6. Troubleshoot aircraft brake systems or components  b6. Troubleshoot aircraft crosswind system or components  b6. Troubleshoot aircraft landing gear hydraulic systems or components  b6. Troubleshoot aircraft landing gear mechanical systems or components  b6. Troubleshoot aircraft nosewheel steering systems or components  b6. Troubleshoot aircraft steering systems or components  b6. Troubleshoot landing gear ski systems or components  components  b6. Troubleshoot landing gear ski systems or components  components  b6. Troubleshoot landing gear ski systems or components  compone				<u> </u>	
bb. Service snubbers with hydraulic fluid  ops@oscoope  or. Service struts with hydraulic fluid  ops@oscoope  or. Service struts with hydraulic fluids  ops@oscoope  ops.  If any task you perform under this duty is not listed.					
bb. Service snubbers with hydraulic fluid  of. Service struts with air  office struts with hydraulic fluids  office struts with hydraulic fluids  office struts with hydraulic fluids  office struts with nitrogen  office struts with hydraulic fluids  office struts with hydraulic systems or components  office struts with hydraulic systems or	04.	Service brake	systems	<u></u>	<b>രന്ദ്രത്തന്ത്ര</b> ത്ത
Description of the structs with air   Description of the structs with hydraulic fluids   Description of the structs with hydraulic fluids   Description of the structs with nitrogen   Description of the structs   Description of the structs with nitrogen   Description of the structs	05.	Service snubb	pers with air		<b>ാ</b> കകരെയായാക
b8. Service struts with hydraulic fluids  b9. Service struts with nitrogen  components  c	00.	Service snubb	pers with hydraulic fluid		೦ಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿಥಿ
70. Troubleshoot aircraft brake systems or components மற்றம்ற ்ற மற்றம்றம்ற மற்றம்றம்றம் மற்றம்றம்றம் மற்றம்றம்றம் மற்றம்றம்றம் மற்றம்றம்றம் மற்றம்றம் மற்றம்றம் மற்றம்றம் மற்றம்றம்றம் மற்றம்றம் மற்றம் மற்றம்றம் மற்றம் மற்	0/.	Service strut	ts with air		<b>റരുക്കുക്കുക്കു</b>
70. Troubleshoot aircraft arresting gear systems or components   71. Troubleshoot aircraft brake systems or components   72. Troubleshoot aircraft crosswind system or components   73. Troubleshoot aircraft kneeling systems or components   74. Troubleshoot aircraft landing gear hydraulic systems or components   75. Troubleshoot aircraft landing gear mechanical systems or components   76. Troubleshoot aircraft nosewheel steering systems or components   77. Troubleshoot aircraft steering systems or components   78. Troubleshoot aircraft steering systems or components   79. Troubleshoot landing gear ski systems or components   79. Troubleshoot landing gear ski systems or components   79. Troubleshoot landing gear ski systems or components   79. Troubleshoot tip or outrigger struts	68.	Service strut	ts with hydraulic fluids		<b>്മെയെയെ</b> യെയ
77. Iroubleshoot aircraft crosswind system or components   78. Iroubleshoot aircraft kneeling systems or components   79. Iroubleshoot aircraft landing gear mechanical systems or components   79. Iroubleshoot aircraft steering systems or components   79. Iroubleshoot aircraft steering systems or components   70. Iroubleshoot aircraft steering systems or components   70. Iroubleshoot aircraft steering systems or components   71. Iroubleshoot aircraft steering systems or components   72. Iroubleshoot aircraft steering systems or components   73. Iroubleshoot aircraft steering systems or components   74. Iroubleshoot aircraft steering systems or components   75. Iroubleshoot aircraft steering systems or components   76. Iroubleshoot landing gear ski systems or components   77. Iroubleshoot landing gear ski systems or components   78. Iroubleshoot landing gear ski systems or components   79. Iroubleshoot landing gear ski systems or c	69.	Service strut	s with nitrogen		
72. Iroubleshoot aircraft crosswind system or components   73. Iroubleshoot aircraft kneeling systems or components   74. Iroubleshoot aircraft landing gear hydraulic systems or components   75. Iroubleshoot aircraft landing gear mechanical systems or components   76. Iroubleshoot aircraft nosewheel steering systems or components  77. Iroubleshoot aircraft steering systems or components   78. Iroubleshoot aircraft steering systems or components   79. Iroubleshoot landing gear ski systems or components   79. Iroubleshoot landing gear ski systems or components   80. Iroubleshoot tip or outrigger struts   80. Iroubleshoot tip or outrigger struts   80. Opposssores	70.	Troubleshoot	aircraft arresting gear systems or components		ഠരാഭരമാരത്ത
73. Troubleshoot aircraft kneeling systems or components   74. Iroubleshoot aircraft landing gear hydraulic systems or components  75. Troubleshoot aircraft landing gear mechanical systems or components  76. Troubleshoot aircraft nosewheel steering systems or components  77. Troubleshoot aircraft steering systems or components other than nosewheel steering systems  78. Troubleshoot anti-skid systems or components  79. Troubleshoot landing gear ski systems or components  80. Troubleshoot tip or outrigger struts  80. Opgoggggggggggggggggggggggggggggggggggg	77.	Troubleshoot	aircraft brake systems or components		<u> </u>
74. Iroubleshoot aircraft landing gear hydraulic systems or components 75. Iroubleshoot aircraft landing gear mechanical systems or components 76. Iroubleshoot aircraft nosewheel steering systems or components 77. Iroubleshoot aircraft steering systems or components other than nosewheel steering systems 78. Iroubleshoot anti-skid systems or components 79. Iroubleshoot landing gear ski systems or components 79. Iroubleshoot tip or outrigger struts	72.	Troubleshoot	aircraft crosswind system or components		0000000000
components 75. Troubleshoot aircraft landing gear mechanical systems or components 76. Troubleshoot aircraft nosewheel steering systems or components 77. Troubleshoot aircraft steering systems or components other than nosewheel steering systems 78. Troubleshoot anti-skid systems or components முறைமையைமை 79. Troubleshoot landing gear ski systems or components மறைமையைமையை 80. Troubleshoot tip or outrigger struts மறைமையைமையை	73.	Troubleshoot	aircraft kneeling systems or components		
roupleshoot aircraft nosewheel steering systems or components other than nosewheel steering systems or components other than nosewheel steering systems or components other than nosewheel steering systems or components முறைக்கும்கள் முறைக்கும் முற்று நடிக்கு மு	74.		aircraft landing gear hydraulic systems or		<b>്മ</b> മമമമമാന
components  //. Troubleshoot aircraft steering systems or components other than nosewheel steering systems  /ö. Troubleshoot anti-skid systems or components  opaded components  opaded components  opaded components  opaded components  NOTE: If any task you perform under this duty is not listed,	75.		aircraft landing gear mechanical systems or		രമായത്തന്ധരത്ത
other than nosewheel steering systems 78. Troubleshoot anti-skid systems or components மூறைக்கும் முற்று மற்று மற	10.	Troubleshoot components	aircraft nosewheel steering systems or		<u>രമരത്തരത്തെ</u>
78. Troubleshoot anti-skid systems or components	77.				<b>നമാരരത്തെന്നു</b>
80. Troubleshoot tip or outrigger struts	78.				<u>ര</u> മതരതമരതമ
NOTE: If any task you perform under this duty is not listed.	79.	Troubleshoot	landing gear ski systems or components		<b>ക്കാര അത്തര</b> വരുന്ന
NOTE: If any task you perform under this duty is not listed, page 47 or 48.	εo.	Troubleshoot	tip or outrigger struts		<b>മെരക്കെയ</b>
	NOTE	: If any task write it o	you perform under this duty is not listed, on page 47 or 48.		<u> </u>

1. Check tasks you perform new (A). 2. On the back of the back, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (A) tasks on time spent in present job.	Cheek	THE BPI NT Present Jap
AFSC 431X1  AFSC 431X1  DOCUMENTO OF THE PROPERTY OF THE PROPE	J IF DONE NOW	1. Very tmatt amount, 2. Much below average, 3. Below average, 4. Stightly below average, 5. About average, 6. Stightly above average, 7. Above average, 8. Much above average, 9. Very large amount,
1. Drain or purge gaseous oxygen systems		ΦΦΦΦΦΦΦΦΦΦ
2. Drain or purge liquid oxygen systems		<b>©©©©©©©©©</b>
3. Inspect air turbine motors (ATM)		000000000
4. Inspect aircraft air conditioning system or components		೦೦೦೦೦೦೦೦೦
5. Inspect aircraft defog ducts		ΦΦΦΦΦΦΦΦΦΦ
5. Inspect aircraft fire suppression systems	1	<b>©</b> @@@@@@@@
7. Inspect aircraft gaseous oxygen systems		<b>000000000</b>
8. Inspect aircraft liquid oxygen indicator systems		<b>000000000</b>
9. Inspect aircraft liquid oxygen systems or components		೦ಥಥಾಥಥಾಥಥಾಥ
10. Inspect aircraft mounted air compressors		<b>೧೯</b> ೩೩೩೩೩೩೩೩೩೩
11. Inspect aircraft rain removal ducts		COOCOOCT
12. Inspect aircraft tire deflation systems		<b>ക്കാരത്തെത്ത</b>
13. Inspect aircraft windshield washer systems or components		<b>ം</b> മത്തെത്തെന്ന
14. Inspect aircraft windshield wiper systems or components		<b>ാമതെത്തെന്നു</b>
15. Inspect auxiliary power units (APU) or gas turbine compressors (GTC)		000000000
16. Inspect de-icing systems or components		ാമത്തെയ്യാവ
<ol> <li>Inspect fire warning or overheat detection systems or components</li> </ol>		<b>ക്കുക്കുക്കു</b>
18. Inspect RAT		ായയായയായയ
19. Lubricate aircraft windshield wiper systems		<b>്യാർത്തെയ്</b>
20. Operate aircraft auxiliary power plants		<b>കമ്പന്ത്രത്ത</b>
21. Operationally check aircraft liquid oxygen systems or components		ാമമമമമമമ
22. Operationally check aircraft-mounted air compressors	1	<b>ംമക്കെയോതന</b>
23. Operationally check APU or GTC		<b>ക്കാരക്കാരക</b>
24. Operationally check ATM		രമാതരത്തെ

- 3000 -	1 Check tasks you perform now (A). 2 On the back of the back, write in any unlisted tasks which you do now. 3 In the "Time Spont" column, rate all checked (A) tasks on time spont.	Check	TIME SPENT Presons Joh
	AFSC 431X1  J. MAINTAINING UTILITY SYSTEMS (CONTINUED)	JF DONE NOW	1. Vary small amount. 2. Much below average. 3. Below sverege. 4. Blightly below average. 8. About average. 9. Slightly above average. 7. Above average. 8. Much above average. 8. Very large amount.
systems	y check air conditioning or pressurization		<i>ंकेकेकेकेकेकक</i>
Components	v check aircraft gaseous oxygen systems or		<i>ാ</i> മുത്തുക്കുന്നുന്നു.
	y check bleed air systems		<b>നുർ</b> ർത്താനുന്നു
1	y check de-icing systems		<i>्</i> भक्षक्षकक्षक्षक्ष
29. Operationally	y check fire extinguisher systems		<i>ാ</i> തവർത്തന്ത്രം
30. Operationally systems	y check fire warning or overheat detection		<b>ാത്രക്കാരത്തെ</b>
	y check rain removal systems		തമാതത്തനാക്ക
32. Operationally	y check RAT		appapapapa
1 33. Remove or rep	place aircraft air conditioning ducts		<b>രമ്മത്തന്തരന്ത</b>
34. Remove or rep	place aircraft ATM cooling system components		<i>ന</i> മവത്രവേശവര
1 35. Remove or rep	place aircraft de-icing systems or components		<b>ത്തന്ത്രത്തന</b> ്ത്വേക
1 36. Remove or rep	place aircraft washer systems or components		<i>ാമത്തർക്കാ</i> ക
37. Remove or rep	place defog system mechanical switches		രാമുകരുക്കുകൾക
38. Remove or rep	place oxygen converters		<b>ውቀውውውውውው</b>
39. Remove or rep	place oxygen regulators		<b>መመመመመመመመመ</b>
40. Service airci	raft air conditioning systems		<b>்</b> முருக்குக்குக்குக்குக்குக்குக்குக்குக்குக
41. Service airci	raft fire suppression systems		ব্যক্তককককক
1 42. Service airci	raft-mounted air compressors		<i>कक्रककक्रक</i> क
43. Service airci	raft windshield washer systems		<i>നമനത്തനത്ത</i> ന
44. Service airci	raft with drinking water		<b>നമനത്തനസന</b>
45. Service auxi	liary power plants		<u> </u>
46. Troubleshoot systems or	aircraft air conditioning or pressurization		<u></u>
	aircraft de-icing systems		മമതനതനർക്ക
48. Troubleshoot	aircraft gaseous oxygen systems or components		നമ്പര്യമ്പര്യക്ക

(Continued next page)

CODE 99

DODODOD  In present jeb.  AFSC 431X1  IF DONE DODODOD  DODODODO  J. MAINTAINING UTILITY SYSTEMS (CONTINUED)  NOW  NOW  Very large amount  NOW  Very large amount  NOW  Very large amount  NOW  NOW  NOW  I very small ama  Now  Now  Now  Now  Very large amount  Now  Very large amount  Now  Very large amount  Now  Very large amount  Now  Now  Now  Now  Now  Now  Now  No	brogo. Ivorago. Ivorago. Ivogo.
AFSC 431X1  IF DONE  DODODOD  J. MAINTAINING UTILITY SYSTEMS (CONTINUED)  AFSC 431X1  IF DONE  NOW  A Select average.  A Supply below a  A	Iverega. Iraga.
49. Troubleshoot aircraft liquid oxygen systems or components   மற்றைற்றை	000
50. Troubleshoot aircraft windshield wiper systems @@@@@@@@	) (D) (D)
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.	) (D) (D)
೦ಥಾರಾಥಾರ	OD OD
ადიდიდი	) (D) (D)
K. MAINTAINING FLIGHT CONTROL SYSTEMS	
σφφφφφα	
1. Adjust aircraft pitch trim ODDODODO	
2. Adjust flight control stops coordoord	
3. Adjust installed flight control adjustable tabs	000
4. Adjust installed flight control fixed tabs	do do .
5. Adjust or replace regulators on flight control balance യത്തത്തെ	, <b>Q</b> , Q)
6. Adjust travel of aircraft trim actuators எம்மைக்க	an an
7. Align or adjust aircraft control surface stops	'arar
8. Check control surface travel using protractors, commonwed templates, or rigging devices	
9. Inspect all-weather landing systems	
10. Inspect artificial feel system components	
11. Inspect autopilot system or components       കായാത്തായായ         12. Inspect boost engage locks       കായാത്തായായായായായായായായായായായായായായായായായ	
13. Inspect boundary layer control (BLC) ducts	
14. Inspect BLC valves control (blc) ducts	
15. Inspect electrical flight control systems one of the systems of the systems of the systems of the system of th	do to
16. Inspect flight control surfaces commonwe	dia.

1 Check tasks you perform now (A). 2. On the back of the back, write in any unlisted tasks which you do now. 3 In the "Time Spont" column rate all checked (A) tasks on time spont.	Cheek	TIME SPENT Present Job
AFSC 431X1  AFSC 431X1  CDCDCDCDCDCD  CDCDCDCDCDCD  K. MAINTAINING FLIGHT CONTROL SYSTEMS  (CONTINUED)	J IF DONE NOW	1. Very small amount. 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 7. About average. 9. Much above average. 9. Very large amount.
17. Inspect hydraulic boost flight control systems		<i>നമാത്ര</i> മത്തന്നു .
18. Inspect hydraulic flight control systems		and
19. Inspect in-flight refueling control surfaces		<i><b>Համասասասա</b></i>
Inspect internal lock mechanism for flight control systems		Canadanacas
21. Inspect manual flight control systems or components		continuent
. Inspect spoiler or speed brake control systems		COCOODOO
23. Inspect static dischargers		<del>anananana</del>
Inspect wing sweep systems		anananana.
25. Lubricate flight control systems	1	<i>നമതതതതതതത</i>
10. Measure force feel of sticks or columns		
Operationally check aileron, rudder, or elevator systems		<b>ക്കാരത്തെന്ന</b>
Operationally check aileron, rudder, stabilizer, or elevator trim systems		anananana .
29. Operationally check all-weather landing systems		<u>നമ്മത്തെത്ത</u>
30. Uperationally check autopilot systems		annonnana.
31. Uperationally check blc systems		മമതതതതതത
32. Operationally check reel systems		manananan
33. Operationally check flight control hydraulic power packages	1	CONTRACTOR
35. Uperationally check intright refueling boom ruddervators	†	Carananana
35. Uperationally check trim actuators		CACAMAGAA
36. Operationally check wing flaps		adamanasan
37. Operationally check wing sweep systems	1	photography
33. Uperationally check wing slat systems		charamanachara
39. Remove or install aircraft rig boards or protractors		முகுக்கைக்கை
40. Remove or replace allerons, rudders, or elevators		anannana

(Continued next page)

	1 Check tasks you perform new (v). 2. On the back of the back, write in any unlisted tasks which you do new. 3. In the "Time Spent" column, rate all checked (v) tasks on time agent.	Check	TIME SPENT Present Job
000000 000000 000000 000000 000000 00000	AFSC 431X1  K. MAINTAINING FLIGHT CONTROL SYSTEMS (CONTINUED)	DONE NOW	1. Very small amount, 2. Moch below average, 3. Ottow average, 4. Stiphtly below average, 5. About average, 6. Stiphtly above average, 7. Above average, 8. Much above average, 9. Very large amount,
	lace artificial feel system components		<b>ക്കാരത്തെയ</b>
	lace BLC linkage		<b>ക്കാരം കാരാ</b> ക
43. Remove or rep	lace flaps		ФФФФФФФФФ
44. Remove or rep	lace gust dampers		<b>മരമേത്യമരത്ത</b>
45. Remove or rep components	lace hydraulic boost flight control system	1	0000000000
45. Remove or rep	lace manual flight control system components		<b>000000000</b>
47. Remove or rep	lace primary flight control surfaces		opposses
48. Remove or rep	lace slats		000000000
49. Remove or rep	lace spoiler or speed brake control systems		000000000
50. Remove or rep	lace static dischargers		೦೦೦೦೦೦೦೦೦
51. Remove or rep	lace surface position indicators (SPI)		DODODODO
52. Remove or rep	lace trailing edges of wings		ODDOGGGG
53. Remove or rep	lace trim motors		<b> </b>
54. Remove or rep	lace wing sweep actuators		രമായായായായായ
55. Rig autopilot	servos		DODGOGGGG
56. Rig BLC system	ms		aaaaaaaaa
57. Rig flaps		1	apararara
58. Rig or adjust components	hydraulic boost flight control system	<del>                                     </del>	opononono
	lock mechanisms for flight control systems	1	೦ಥಾಥಾಥಾಥಾಥಥಾ
60. Rig slats		1	DODODODO
61. Rig spoiler o	r speed brake control systems	1	റമമമമമമമമ
62. Service gust	dampers	1	<b>ಎರೂಎಂಎಂಎಂ</b>
63. Service or lu	bricate flight control system components	<b>†</b>	ಎಂಬಂದಂದಂದಂ
64. Troubleshoot	electrical flight control systems	1	<b>೧೧೧೧೧೧೧೧೧೧೧</b>

(Continued next page)

(D)	1. Check tests you perform new (A. 2. On the both of the book, write in any unlisted tasks which you do new. 3. In the "Time Spont" column, rets all checked (A tests on time spont.	Check	TIME SPENT Present Job
	K. MAINTAINING FLIGHT CONTROL SYSTEMS (CONTINUED)	IF DONE NOW	1. Very small amount, 2. Much below average, 3. Below average, 4. Slightly below average, 5. About average, 6. Slightly above average, 7. Above average 8. Much above average, 9. Very large amount,
	hydraulic flight control systems		<b>്രത്തെത്തെ</b>
1	manual flight control systems		<b>ക്കാരത്തെന്നു</b>
MUIE: It any tas write it	k you perform under this duty is not listed, on page 47 or 48.		appapapapa
			ODDOOD001
	L. MAINTAINING PNEUDRAULIC SYSTEMS		anananana
			oppopers
1			proporta
1. Adjust tail	bumpers		Cononnerr
2. Adjust tail	hooks		appapapapa
3. Inspect came	ra pneumatic systems		<b>DODODODO</b>
4. Inspect cano	py open or close valves		popopopor
5. Inspect carg	o door hydraulic systems		000000000
b. Inspect emer	gency or normal flap extensions		Opposators
7. Inspect emer	gency or normal gear extensions		COORDANGER
8. Inspect hydr	aulic system accumulators		COLORDOO
9. Inspect hydr	aulic system actuators		popososos
10. Inspect hydr	aulic system dehydrators		OPTOPPOPP
II. Inspect hydr	aulic system dryers		<b>ക്കെയ്യെയ്യു</b>
12. Inspect hydr	aulic system filters		ΦΦΦΦΦΦΦΦΦ
13. Inspect hydr	aulic system motors		paravasar
14. Inspect hydr	aulic system power packages		<b>രത്തെത്തെത്ത</b>
15. Inspect hydr	aulic system pumps		೦ಥರಾಥಾಥಾಥರಾಥ
16. Inspect hydr	aulic system reservoirs		popopopoa
<del></del>	100	Combin	nued nort name

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CODE 90

1. Check tasks you perform new (A). 2. On the back of the back, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (A) tasks on time spent in present job.	Chesh	TIME SPENT Present Jab
AFSC 431X1  DDDDDDDD  DDDDDDD  L. MAINTAINING PNEUDRAULIC SYSTEMS  (CONTINUED)	IF DONE NOW	1. Very small amount. 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 6. Slightly above average. 7. Above average. 6. Much above average. 9. Very large amount.
17. Inspect hydraulic system reservoirs sight gages		ാമകരമേരകര
18. Inspect hydraulic system tubing or lines		<b>കരന്ത്രത്തെന്നു</b>
19. Inspect hydraulic system valves		<b>നമരതരതരത</b> ര
20. Inspect photoflash doors		<b>മത്തെത്തെ</b> യത
21. Inspect pneumatic actuators		<b>©®®®®©®®</b>
22. Inspect pneumatic ducts		\$00000000D
23. Inspect pneumatic escape spoiler door systems		<b>©©©©©©©©©</b>
24. Inspect pneumatic relief valves		000000000
25. Inspect pneumatic system air bottles		<b>ാമെയയയെയാ</b>
26. Inspect pneumatic system air compressors	1	೦೦೦೦೦೦೦೦೦೦
27. Inspect pneumatic system check valves		<b>000000000</b>
28. Inspect pneumatic system tubing or lines		<b> </b>
29. Inspect tail bumpers		೦೦೦೦೦೦೦೦೦
30. Inspect tail hooks		000000000
31. Operationally check emergency or normal flap extensions		<b>രമത്തെത്താ</b> ത
32. Operationally check emergency or normal gear extensions		ാമത്തെത്തെത്ത
33. Operationally check hydraulic actuators		000000000
34. Operationally check hydraulic filters	<b>T</b>	<b>ാമർമർമർ</b> മർ
35. Operationally check hydraulic power packages		<b>്യാ</b> യ വരു
36. Operationally check hydraulic pumps		<b><i><u>o</u> o o</i> <b><i>o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o</i> <b><i>o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o</i> <b><i>o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o</i> <b><i>o o o o o o o o o o o o o o o o o o o o o</i> <b><i>o o o o o o</i> <b><i>o o o o</i> <b><i>o o o o</i> <b><i>o o o o o</i> <b><i>o o o</i> <b><i>o o o o o o o</i> <b><i>o o o o</i> <b><i>o</i></b></b></b></b></b></b></b></b></b></b></b></b></b>
37. Operationally check hydraulic valves		<b><i><u>o</u></i> o o o o o o o o o o</b>
38. Remove or replace accumulator pressure gauges		രമയാന് വരയാ
39. Remove or replace chemical dryers		<b>ാ</b> ത്തെത്തെത്ത
40. Remove or replace dehydrators		<b>ΦΦΦΦΦΦΦΦΦ</b>

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MAINTAINING PNEUDRAULIC SYSTEMS  COCOCOCC  COCOCOCCC  COCOCOCCC  COCOCOCCCC  COCOCOCCCC  COCOCOCCCC  COCOCOCCCC  COCOCOCCCC  COCOCOCCCC  COCOCCCCC  COCOCCCCC  COCOCCCCC  COCOCCCCCC		1. Check tests you perform new (/). 2. On the back of the book, write in any unlisted tasks which you do new. 3. In the "Time Spant" column, tase all shocked (/) tasks on time spant.	Check	TIME SPENT Fresent Job
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2. Clean battery terminals or connectors	1	മരമരമരമെയ
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12. Inspect aircraft warning systems		<del></del>
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14. Inspect fuse or circuit breaker panels	1	arcaraga
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15. Operationally check aircraft external lights		
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17. Operationally check aircraft-installed batteries		DOGGODOGO
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21. Operationally check air-driven generators or alternators	1	0000000000
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22. Operationally check engine-driven generators or alternators		anananana
23. Operationally check microswitches		10000000
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25. Operationally check transformer rectifiers		द्राचाचाचाचाचाचा व
26. Perform continuity checks of aircraft engine magnetic plugs		ಎಥಿತುರುತ್ತುರುತ್ತುವರು
27. Perform continuity checks of aircraft start systems		
28. Remove or replace aircraft light lenses	1	<i>ेकककककककक</i>
29. Remove or replace aircraft-mounted batteries	+	റമയമയമയമാ
30. Remove or replace aircraft-mounted fuses	1	രമ്മരമ്മഹമക
31. Remove or replace aircraft-mounted light bulbs	1	ಎಹಿಡಿಹಿಡಿಡಿಡಿಡಿಡಿಡಿ
32. Remove or replace pilot director indicator (PDI) doors	<del> </del>	ರಾವಿ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರಾಥಾ ಪ್ರತಿ ಪ್ರಾಥಾ ಪ್ರತಿ ಪ್ರಾಥಾ ಪ್ರತಿ ಪ್ರಾಥಾ ಪ್ರತಿ ಪ್ರಾಥಾ ಪ್ರತಿ ಪ್ರಾಥಾ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರವ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತಿ ಪ್ರತ
33. Remove or replace PDI reflectors	1	೦ಥಾತಾತಾತಾತ್ರಾತ್ರಾತ್ರ
34. Service aircraft batteries	†	೦ಥರಾಥರಾಥಾಥಾಥ
35. Service aircraft battery sump jars		೦೦೦೦೮೩೮೩೮೩
36. Service aircraft battery vent systems		೦೦೦೦೦೦೦೦೦೦
37. Test aircraft batteries		೦ಥಥಥಥಥಾಥಥ
33. Troubleshoot aircraft-installed warning systems		೦೦೦೦೦೦೦೦೦೦
39. Troubleshoot external lighting systems		೦ಥರಾಭಾವಾಥ
40. Troubleshoot internal lighting systems		COOGGOOGG
NOTE: It any task you perform under this duty is not listed, write it on page 47 or 48.	1	ODDODODO
		യമയമയയാ
		೦೩೦೧೩೩೩೦೩೩
N. MAINTAINING FUEL SYSTEMS		@@@@@@@@@
		രമരതരയായ
		<b>ക്കാരത്തെന്ന</b>
1. Clean fuel filters		ODDODDODD
2. Cover connections of removed external fuel tanks such as cannon plugs		000000000
104	(Lont)	nued next page)

1 Check tests you perform new (A). 2 On the back of the brigh, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (A tasks on time spent	Check	TIME SPENT Present Job
GGGGGG	$\int$	1. Very small amount. 2. Much below average. 3. Balow average. 4. Slightly below average. 5. About average. 7. Above average. 9. With above average. 9. Very large amount.
GOGGGGG AFSC 431X1	1F DONE	
N. MAINTAINING FUEL SYSTEMS (CONTINUED)	NOW	
3. Defuel aircraft using over-wing methods		ാരമരമരമരമ
4. Defuel aircraft using single-point methods		ാമമമമമമമമ
5. Drain fuel sumps		<u> </u>
6. Dry drain fuel tanks		೦೦೦೦೦೦೦೦೦
7. Inspect bladder-type cavity drains	+	ಎರಡಾತಾರಾವಾರಾ
8. Inspect bladder-type internal visible fuel transfer pumps	·	Oppopopopo
<ol> <li>Inspect external fuel system components such as cannon plugs, locking mechanisms, valves, or lines</li> </ol>		೦೦೦೦೮೮೮೦೦೦
10. Inspect in-flight refueling system receptacles	<del>                                     </del>	coooceas
11. Inspect integral-type cavity drains	1	coccoccoc
12. Inspect integral-type internal visible fuel transfer pumps		coorreso
13. Lubricate in-flight refueling system receptacles		carracra
14. Operationally check boost pumps		Seconosos
15. Operationally check external fuel tanks	1	corsorsor
l6. Operationally check fuel control panels		orranerro
17. Operationally check fuel crossfeed systems		ಾರಾವಾರಾವಾರಾವಾ
18. Operationally check fuel dump systems		SOSSISSOS
19. Operationally check fuel valves		SOSSISSOS
20. Operationally check in-flight refueling system receptacles		COSOCOS
21. Operationally check refuel or defuel manifold dealmage systems		000000000
22. Operationally check tank feed systems		<b>ാമതനതനതനം</b>
23. Operationally check tank pressure systems		ാതതതതതതതത
24. Operationally check transfer pumps		ODOGOGOGO
<ol> <li>Perform ground operational checks of tanker inflight refueling systems</li> </ol>		ാമമാമമാമമാ
26. Perform leak or pressure checks of aircraft fuel systems		೦ಥರಾಭಾರಾಧಾರಾಧಾರಾ

1. Check tasks you perform now (1). 2. On the back of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (1) tasks on time spent	Check	TIME SPENT Present Job
AFSC 431X1  AFSC 431X1  AFSC 431X1  N. MAINTAINING FUEL SYSTEMS (Continued)	J IF DONE NOW	1. Very timal amount. 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 7. About average. 8. Much above average. 9. Wery large amount.
27. Pick up or return external fuel tanks from or to storage areas		<b>ഗമാർർർ</b> മെ
28. Prepare aircraft for fuel cell maintenance		<b>ው</b> ወ ወ ወ ወ ወ ወ ወ ወ
29. Preserve or depreserve fuel systems		0000000000
30. Remove or install Benson auxilary fuel tanks		000000000
31. Remove or install external fuel tanks		<b>ക്കാരത്തെക്ക</b>
32. Remove or install Benson fuselage tanks		<b>നമരത്തെ</b> യെ
33. Remove or replace bladder-type fuel drain valves		<b>റമെമെമെമെ</b> മ
34. Remove or replace distilled water lines, valves, or filters		<b>ക്കെയെയെയെ</b>
35. Remove or replace distilled water pumps		<b>മ</b> ക്കെക്കെക്ക
36. Remove or replace fuel booster pumps		0000000000
37. Remove or replace fuel cell fire suppression material, such as foam		000000000
3ô. Remove or replace fuel drain valves		<b>ക്കാരത്തെക്കു</b>
39. Remove or replace fuel filters		0000000000
40. Remove or replace refueling booms		<b>രമാരത്തെ</b> മാവര
41. Remove or replace single-point fuel receptacles		<b>രമ്മരമ്മ</b> മമമ
42. Remove or replace stand pipes or seals on external fuel tanks		0000000000
43. Service aircraft distilled water systems		000000000
44. Transfer fuel within aircraft		O O O O O O O O O O
45. Troubleshoot fuel crossfeed systems		ΦΦΦΦΦΦΦΦΦΦ
46. Troubleshoot tank feed systems		$\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi\Phi$
47. Troubleshoot tank pressure systems		0000000000
'48. Troubleshoot transfer pumps		<b>രന്മരത്തെ</b>
49. Visually inspect fuel vent outlets		0
50. Visually inspect single-point receptacles		<b>നമാരാ</b> രത്തെന്നു
106		nued nevt nage)

1. Check tasks you perform new ( \( \strict{1}\).  2. On the back of the book, write in any unlisted tasks which you do new.  3. In the "Time Spont" column, rate all checked ( \( \strict{1}\) ) tasks on time	Check	TIME SPENT Present Job
Spent in present job.  AFSC 431X1	IF DONE NOW	1. Vory small amount 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 6. Slightly above average. 7. Above average. 8. Much above average. 9. Vory large amount.
51. Visually inspect surge tanks or vent boxes		രമയയയയയയ
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		<b>വതന്തന്ത്രതന്ത്ര</b>
		ന്നുവരുത്താന
		COODOOCOA
O. MAINTAINING NONPOWERED AEROSPACE GROUND EQUIPMENT (AGE)		ാമമതമേയമേ
	T	<b>ಎರಾರಾಭಾವಾ</b> ಗ್
		೦೦೦೦೮೩೦೦೩೩
1. Conduct corrosion inspections of nonpowered AGE		೧೦೦೦೦೦೦೦೦
Deliver hydraulic servicing carts to hydraulic shop for calibration		
3. Deliver nonpowered AGE to field maintenance for maintenance or testing		Opposited
4. Deliver tow bars to nondestructive inspection (NDI) shop for periodic inspections		coordoors
5. Inspect ground engine run-up screens		೦ಥರಾಥಾಥಾಥವರ
6. Lubricate nonpowered AGE	1	opposes
7. Locate leaks or malfunctions of nonpowered AGE		ODDOODOOD
8. Maintain facility mounted hoists	1	COOGGGGGGG
9. Maintain portable hoists	1	a-modele and
10. Maintain or store warning signs such as "danger aircraft on jacks"		a reduced
11. Maintain waste oil or contaminated fuel bowsers	i	COORDOOR
12. Operationally check gaseous oxygen carts	1	COOUNDOUN
13. Operationally check hydraulic servicing carts	1	<b>000000000</b>
14. Operationally check LOX carts	1	ΦΦΦΦΦΦΦΦ
15. Operationally check nitrogen carts	1	000000000
16. Operationally check oil servicing carts		DODDODO
17. Overhaul aircraft jacks	1	

COCC COCC. NOCOCO COCCO	1. Check tasks you perform now ( \(  \). 2. On the back of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked ( \(  \) tasks in time	Check	TIME SPENT Present Job
000000 000000 000000 000000	aport in present jub.  AFSC 431X1	\ 1\(\tau\)	1. Very small amount. 2. Much below overage, 3. Below average. 4. Stightly below average 5. About average.
	O. MAINTAINING NONPOWERED AEROSPACE GROUND EQUIPMENT (AGE) (CONTINUED)	NOA	6. Slightly above average 7. Above average, 8. Much above average. 9. Very lerge amount,
18. Overhaul hydr	raulic servicing carts		' പരാവ വരാവ വരാവ വരാവ വരാവ വരാവ വരാവ വരാവ
	tenance stands		വരാത്വത്തിന്ത്രത്ത്ത
20. Overhaul towi	ng equipment other than vehicles		ത്താനത്താന്ത്ര
1). Paint nonpowe	ered AGE		द्राक्षकक्षकक्षक
Perform minor screens such	maintenance on aircraft engine intake n as replacing rivets or straightening parts		paramana
3. Perform minor	maintenance on nonpowered LOX carts such		oppoparate.
24. Perform perio	odic inspections of nonpowered AGE		<u>രമക്തമക്തക്ക</u>
25. Place in or r	remove from storage ground engine run-up		caabaasaa
26. Post or remov	ve aircraft warning signs such as "danger iacks"	!	<b>ODDOODOO</b>
	place nonpowered AGE gauges or hardware		<b>നമ്പരത്തെക്കു</b>
.8. Service gases	ous oxygen carts	1	<b>DODODODO</b>
29. Service hydra	aulic servicing carts		<u>രമതതതതനതത</u>
3 Service jacks	S	1	<b>രമ്മനത്തന്നെ</b>
31. Service LOX	carts	1	ത്രമെത്രത്തെ
32. Service main	tenance stands	1	<b>ക്കാ</b> ക്കുന്നു വരു വരു വരു വരു വരു വരു വരു വരു വരു വര
33. Service nitro	ogen carts	1	മയമെയയാത്രമ
34. Service oil	servicing carts	1	anananana
35. Store powere	d aircraft support equipment	1	<del>opananana</del>
30. Tow nonpower	ed AGE	1	© TO TO TO TO TO TO TO TO TO TO TO TO TO
NUTE: If any tasi write it o	k you perform under this duty is not listed, on page 47 or 48.		<b>Ծ</b> ՓՓՓФФФФФ
			രമെത്തെന്നുക
			ppapapapapa
			appapapapa
			വരായത്തെയാത

agent in present job.	<b> </b>	Present Job
AFSC 431X1  AFSC 431X1  P. MAINTAINING 780 EQUIPMENT	IF DONE HOW	1. Very small amount. 2. Much below average. 3. Bolow average. 4. Slightly below average. 5. About average. 6. Slightly above average. 7. Above average. 8. Much above average. 9. Very large amount.
1. Apply corrosion control compounds such as paints		<b>രത്തെത്തെന്നു</b>
?. Assign classification to stored 780 equipment		<b>മെത്തെത്തെ</b>
3. Coordinate with base activities on missing 780 equipment		೦೦೦೦೦೦೦೦೦೦
4. Coordinate with base packing and shipping on methods of packing 780 equipment		communicas
5. Coordinate with shipper on transportation of 780 equipment		OCCUPATORI
6. Coordinate with supply on initial issue of 780 equipment		codanieni
7. Cover 780 equipment		Crossess
8. Crate or uncrate 780 equipment		014111511
9. Draft correspondence or messages to locate missing 780 equipment	i •	cranacer
10. Ground external fuel tanks in storage	j	32311231
11. Inspect cargo loading traverser systems	1	ceasarers
12. Inspect due dates on 780 equipment status tags	i	COLUMN
13. Inspect external stores		Coccesses
14. Inspect 780 equipment for serviceability	!	Ctotttcti
15. Inventory 780 equipment		ocaraccar
16. Lubricate 780 equipment	}	001010611
17. Operate cargo loading traverser systems		resedences
18. Operationally check cargo-loading traverser systems	;	opprisers
19. Perform minor maintenance of 780 equipment such as tighten bolts	1	0000000011
20. Pick up or deliver 780 equipment	İ	COCCOCCCC
21. Remove corrosion from 780 equipment		Connacta
22. Remove or install cargo-loading traverser systems	1	COCOOOCC
23. Research inventory master guides		coccoccas
24. Review or annotate government bills of lading (GBL)	1	conneces

(Continued next page)

AFSC 431X1  P. MAINTAINING 780 EQUIPMENT (CONTINUED)  Poome now  25. Select packing materials or methods for 780 equipment  26. Trace missing 780 equipment by voice communications	1. Very small amount, 2. Much below average, 3. Below average, 4. Slightly below average 5. About average, 6. Slightly above average 7. Above average, 8. Much above average, 9. Very large amount, 000000000000
26. Trace missing 780 equipment by voice communications	<b>ാധയെയെയെയ</b> ്ടെ 🍱
NOTE: 16 and Apply the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the propert	<u>ാ</u> കമകകകകക
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.	DOOOOOO
	000000000
	<b>ാമമമമമ</b> മാവന
Q. PERFORMING GENERAL ENGINE MAINTENANCE	D D D D D D D D D D D D D D D D D D D
	0000000000
	0000000000
1. Adjust engine fuel controls	၁စစစစစစစစ
2. Adjust engine oil pressure	<b>COOOOOOO</b>
3. Adjust variramp air induction systems	DOOOOOOOO
4. Clean cartridge-type starters	DOOOOOOO
5. Clean engine air intake ducts	DOOOOOOO
6. Clean engine oil filters	DODODODOCO
7. Inspect afterburner (AB) eyelids	000000000
8. Inspect afterburner areas	DODOOOOO
9. Inspect air inlet areas	<u>മെയയെയെയ</u>
10. Inspect belmouth air induction system components	Dogooooo
11. Inspect bleed valves	DOOODOOO
12. Inspect bleed valve actuators	
13. Inspect bleed valve governors	<b>ാ</b> മമമമമമമെയ
14. Inspect blow-in, sucker, or flipper doors	ന്നു വരുത്തത്തെന്ന
15. Inspect cartridge-type starters	000000000
16. Inspect engine accessories, such as fuel pumps, hydraulic pumps, or constant speed drives (CSD)	DOOOOOOOO

DOCODO 1. Check tasks you perform nom ( $\checkmark$ ).		TIME SPENT
2. On the back of the book, write in any unlisted tasks which you do now 3. In the "Time Spont" column, rate all checked ( / ) tasks on time	Check	Present Job
ADDAD spent in present job.		1. Water amount
COCOCIO AFSC 431X1	7 .	1. Very small amount. 2. Much below average.
00000	<b>/</b>	3. Bolow average
	IF.	4. Slightly below average.
Q. PERFORMING GENERAL ENGINE MAINTENANCE	DONE	5. About average 6. Slightly above average
(CONTINUED)	NOW	7. Above average.
	""	8. Much above average.
	1	9. Very large amount.
17. Inspect engine air lines or fittings	<del>                                     </del>	000000000
18. Inspect engine compressor blades	†	000000000
19. Inspect engine firewalls		000000000
20. Inspect engine fuel controls	<del> </del>	മരമേരമരാത്ത
21. Inspect engine fuel filters	<del> </del> -	0000000000
21. Inspect engine ruer rivers		
22. Inspect engine indicators or instruments		@@@@@@@@@
23. Inspect engine oil coolers		opagaggaa
24. Inspect engine oil cooler inlets	,	coccecer
25. Inspect engine oil filters	!	cococca
26. Inspect engine oil lines or fittings	i	popoportu
27. Inspect engine quick-disconnect lines		<b>ODDODO</b> CTT
28. Inspect engine throttle system components	:	<b>opposer</b>
29. Inspect engine turbine stator blades	•	COCCACAA
30. Inspect engine vortex systems		ocococcar
31. Inspect or clean cartridge-type starter breech caps	4	OCCORCACA
32. Inspect pneumatic starters		ಎಥವಾಥವಾಧವಾಗ
33. Inspect pneumatic water injection pumps or brackets		<b>മെയ്യമെയ്യു</b>
34. Inspect pressurization or dump valve screens		<b>ಹಾರಾರಾರ್ಥಾಗಿ</b>
35. Inspect propellers	Ī	<b>ODOOOOOOO</b>
36. Inspect spike air induction systems	l	<b>മെയ്യായത്തെ</b>
37. Inspect thrust reverser systems		<b>മെയയയയാ</b>
38. Inspect translating cowl induction systems	i	OOOOOOOO
39. Inspect variramp air induction systems	!	<b>DOTO O O O O O</b>
40. Inspect visible engine mounts or attach points		COOGGGGGG

(Continued next page)

00000 00000 00000 00000	1. Check tasks you perform now ( \( \stacks \)). 2. On the back of the beek, write in any unitated tasks which you do now. 3. In the "Time Spont" column, rate all checked ( \( \stacks \)) tasks be time aport in present job.	Check	TIME SPENT Present Job
	Q. PERFORMING GENERAL ENGINE MAINTENANCE (CONTINUED)	JF DONE NOW	1. Very small amount, 2. Much below average, 3. Below average, 4. Slightly below average, 5. About average, 6. Slightly above average, 7. Above average, 8. Much above average, 9. Very large amount;
1	y check belmouth air induction systems		<b>്</b> ക്കുക്കുകയായായ
42. Operationally	y check engine ignition systems		<u>രമത്തെന്നത്തനം</u>
143. Uperationally	y check engine throttle systems		<u>waawaaaa</u>
44. Operationally	y check spike air induction systems	<del>                                     </del>	<u> ೧</u> ಥವಾತಾತಾತಾವಾತಾ
145. Operationally	y Check variramp air induction systems	<del> </del>	COORDOON
46. Perform engir	ne exhaust gas temperature spread tests	<del>i</del>	<u> </u>
47. Perform opera	ational checks of Ab eyelids	İ	ancaragaa
148. Perform opera	ational checks of oil cooler doors or flaps		STREET
[49. Perform opera	ational checks of pheumatic starters	,	<i>ക്കാര്യ</i> ക്കാര്യം
150. Perform Opera	ational checks of propeller control systems	<del></del>	Crasarrar
151. Perform opera	ational checks of thrust reverser systems	1	Oppositions
52. Perform opera	ator maintenance on aircraft-installed	i	Sagranana
1:3. Perform press	sure checks of fuel manifolds	-	രമാസമനമനവ
54. Perform Visua	al inspections of water injection systems	1	രമ്മത്തന്നെത്ത
155. Kemove or ins	stall starter cartridges	†	റമ്മമ്മന്നേത്ര
156. Kemove or rep	place auxiliary power plant components	i	രമെയമയയയെ
157. Remove or rep components	place belmouth air induction system	1	<u> തെനേതനതനന</u>
13. Remove or rep	place blow-in, sucker, or flipper doors	<del> </del>	മരമരമരമാവ
19. <b>Remove</b> or rep	place engine cowlings	1	<b>രമാ</b> യന്നായത്ത
160. Remove or rep alternators	place engine-driven generators or	<del> </del>	<b>മെമക്കെത്തെ</b>
FI. Remove or rep	place engine oil coolers		<u> </u>
62. Kemove or rep	place engine oil filters	1	രമ്മരമ്മരത്ത
63. Remove or rep	place engine oil lines	1	ത്രമത്തെത്തെത്ത
1.4. Kemove or rep	Place engine nose domes		<b>തമാതതതതതതത</b>
		4	لهجسيسسي

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1. Check tasks you perform now ( \( \varphi \). 2. On the back of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, role all checked ( \( \varphi \) ) tasks on time spent in present job.	Check	TIME S'ENT Present Job
AFSC 431X1  AFSC 431X1  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OCCOPDED  OC	IF DONE NOW	1. Very small amount, 2. Much below average, 3. Below average, 4. Slightly below average, 5. About average, 6. Slightly above average, 7. Above average, 8. Much above average, 9. Very large amount.
65. Remove or replace igniter plugs		<b>്രസ്തനത്തെ</b>
66. Remove or replace propellers		<b>ക്കെയ്യെയ്യെ</b>
67. Remove or replace spike air induction system components		COCOCOCOC
68. Remove or replace throttle system components		<u>ಎಕ್ಕೂಕ್ಕಾಕ್ಕಾಕ್</u>
69. Remove or replace thrust augmentation system components		COCOCOCOCO
70. Remove or replace thrust reverser system components		COCCOCCO
71. Remove or replace translating cowl induction system		programme
72. Remove or replace variramp air induction systems		Cratarra.
73. Remove or replace water regulators		Contacta
74. Rig belmouth air induction system components		01111111
75. Rig engine throttle systems		Oppositions
76. Rig spike air induction system components		COCOCOCOC
77. Rig translating cowl induction systems		arearanapa o
78. Rig variramp air induction system components		COCCACCAC
79. Service pneumatic starters with oil		COCOCOCO
80. Troubleshoot belmouth air induction system components		مدموموموم
81. Troubleshoot engine throttle systems		are appoin
82. Troubleshoot variramp air induction system components		COGGGGGGGG
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		
ALL MILLIAM LANGUE TALLIM THE		ാമമരമരമാവ
		<b>ം</b> മയമതമയയ
		മമയമയമയയ
		<b>COCOCOCO</b>
		രമമമമമയാക

	<ol> <li>Check tasks you perform now (\$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sin}}}}}}\signatita\sqrt{\sqrt{\sint{\sin}}}}}}\signatite\set\sin{\sint{\sint{\sint{\sint{\sint}\sint{\sint{\sint{\sint{\sin</li></ol>	Check	TIME SPENT Present Job
	AFSC 431X1  R. MAINTAINING RECIPROCATING ENGINES	IF DONE NOW	1. Very small amount, 2. Much below average, 3. Below average, 4. Slightly below average 5. About average, 6. Slightly above average 7. Above average, 8. Much above average, 9. Very large amount,
	rocating engine cowl flaps		<b>ക്കെന്നുകൾ</b> വ
2. Inspect reci	procating engine accessory cases		<u> </u>
3. Inspect reci	procating engine carburetor air inlets		<u> കമകരകരകര</u> ക
4. Inspect reci	procating engine carburetor linkages		০ককককককক
5. Inspect reci	procating engine cylinder fins		<b><i><u>o</u>aaaaabca</i></b> 1
6. Inspect reci	procating engine cylinder heads	† – †	ರಾರಾರಾಧಾರಾಧಾಗ
7. Inspect reci	procating engine exhaust manifolds		<u> </u>
8. Inspect reci	procating engine ignition harnesses		νικαφοφοφ
9. Inspect reci	procating engine magnetos	;	<u> </u>
10. Inspect reci	procating engine oil breather stand pipes		ansanasana
ll. Inspect reci regulators	procating engine propeller governor		000000000
	ational checks of cowl flaps	<del>,  </del>	000000000
13. Perform wet systems	run test of anti-detonant injection (ADI)		Crasarsar
14. Remove or re	place ADI system components		000000000
15. Remove or re	place carburetors		oppoprann
16. Remove or re	place magnetos		oppoparan.
17. Remove or res	place reciprocating engine carbureton		<u>രമതത്തനാനന</u>
18. Remove or re	place reciprocating engines		Carararara
19. Remove or re	place reciprocating engine spark place		ad the department
20. Remove or re	place turbo superchargers		<u>overvovo</u>
21. Run up or ope	erate reciprocating engines	-	<u> </u>
22. Service ADI	systems		<u>റെയെത്തെത്ത</u>
23. Service recipregulators	procating engine propeller governor	,	മതതന്ത്രത്തെ
24. Troubleshoot	malfunctions within reciprocating engine r carburetor systems	1	<u>ത്രമരത്തെന്നു</u>
		Contin	nued next page)

	<del></del>	
1. Check tasks you perform now (√). 2. On the back of the book, write in any unlisted tasks which you do now.	Check	TIME SPENT Present Job
3. In the "Time Spont" column, rate all checked (y) tasks on time spont in present job.		
COCOCOCO AFSC 431X1	┥	1. Very small amount,
000000 ALST 431VI		2. Much below average.
<b>@@@@@</b>	100	3. Below average, 4. Slightly below average.
COCOCO R. MAINTAINING RECIPROCATING ENGINES	"	5. About average.
CONTINUED)	DONE	6. Slightly above average.
	NOW	7. Above average.
	1	8. Much above average.
	ľ	9. Very large amount.
25. Troubleshoot reciprocating engine ignition systems		000000000
26. Troubleshoot reciprocating engine oil pressure systems	<del> </del>	0000000011
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48	†	0000000011
write it on page 47 or 48	<u> </u>	
		000000000
		000000000
	1	
S. MAINTAINING TURED-PROPELLER ENGINES		ODDDDDDDDD
	1	<b>ФФФФФФФСТ</b>
		ODDGGGGGG
1. Adjust temperature datum (TD) valves	+	
		ODGRADELI
2. Adjust TD amplifiers		COCOCOCO
3. Adjust turbo-prop engine gear box oil pressure		opaparer:
4. Inspect turbo-prop rear scavenge oil pumps		ODDGGGGG
5. Monitor or operate turbo-prop engines		CLEGRAGAG
6. Perform turbo-prop engine dry trim		000000000
7. Perform turbo-prop engine wet trim		000000000
8. Remove or replace turbo-prop engines		000000000
9. Rig turbo-prop engine fuel coordinators		<b>00000000</b>
10. Rig turbo-prop propellers		DODODOGGG
11. Service turbo-prop propellers		COCOCOCO
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		000000000
		<b>00000000</b>
		<b>೧೦೦೦೦೦೦೦೦</b> ೦
		<b>മെയെയെയാ</b>
		DODDODDDD

00000 00000	2. Check tasks you perform now (  ). 2. On the book of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked (  ) tasks but ime	Check	TIME SPENT Present Job
	T. MAINTAINING TURBO-JET ENGINES	IF DOME NOW	1. Very small amount. 2. Much below average. 3. Below average. 4. Slightly below average, 5. About average. 6. Slightly above average, 7. Above average. 8. Much above average. 9. Very large amount.
i. Install or re	emove fan stoppers		்கள்ளைகள்ள
2. Monitor or of	perate turbo-jet engines		दावाक्रमावाक्रमावा
i. Operationally	cneck turbo-jet starter centrifugal switches		Caranagaran
Perform turbo	o-jet FOD inspections		ansanara.
5. Perform turbo	o-jet engine dry trim		SARARASAA
6. Perform turbo	o-jet engi <b>ne wet trim</b>		COUNTROOP
Remove or rep	place turbo-jet engines		cranancar
Write it o	you perform under this duty is not listed.	i	Carabarra
			caaaaacaa
		<u> </u>	crararer
	U. MAINTAINING TOW TARGETS	1	casasassas
			crossors
			COCOCOCOCO
Annotate aire	craft placards		apararara
Assemble tow	targets	1	apparance
3. Attach targe	ts to tow cables	T	COCORDODO
- Clean tow re-	el cable cutters		consisten
5. Control cable	e cutter cartridges	1	<i>ംമായത്തയയായായ</i>
E. Cut tow cabl	es		andananana
. Inspect rewi	nd stands	1	CAROLAGA
o. Inspect tow	reels		a a commonda a
y. Inspect tow	target bridle components	1	COCOCOCO
iv. Inspect tow	target bridle cables	1	CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR
il. Inspect tow	target bridles		CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR
	116	(Cont.)	nued next page)

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(Continued next page)

1. Check tasks you perform new ( \( \sigma \). 2. On the back of the beek, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked ( \( \sigma \) tasks on time	Check	TIME SPENT Present Job
AFSC 431X1  DODODOD  MAINTAINING TOW TARGETS (CONTINUED)	IF DONE NOW	1. Very small amount, 2. Much below average, 3. Below average, 4. Slightly below average, 5. About average, 6. Slightly above average, 7. Above average, 8. Much above average, 9. Very large amount,
12. Inspect tow target cable reels		<b>മെത്തെത്തെത്ത</b>
13. Inspect tow target wings		0000000000
14. Inspect uploaded tow targets		യമാരായായായ '
15. Install or remove cable cutter cartridges	<u> </u>	000000000
16. Isolate malfunctions within tow reel logic modules		000000000
17. Isolate malfunctions within tow reel units	<del> </del>	000000000
18. Load or unload tow reels	1	000000000
19. Load or download tow targets		000000000
20. Load tow reel spool cables		000000000
21. Lubricate rewind stands		000000000
22. Measure tow target wings for warpage		000000000
23. Observe target impact areas from airborne aircraft	<u> </u>	000000000
24. Operate rewind stands		000000000
25. Operate tow reels in flight		000000000
26. Operate tow target cable cutters in flight		000000000
27. Operationally check tow reels		000000000
28. Package cable cutter cartridges		<b>രമേരത്തെ</b>
29. Paint tow targets		000000000
30. Patch tow target wings		<b>നമരരരത്തെ</b>
31. Perform aircrew preflight inspections of tow target systems		000000000
32. Perform balance checks of tow targets	1	000000000
33. Perform maintenance preflight inspections of tow target systems		<b>റ</b> മമരമമമെമ
34. Perform stray voltage checks on cable cutter mechanisms		<b>രമാരത്തേ</b> യ
35. Record tow target scoring data		<b>്മത്തെയെ</b>

1. Check tasks you perform now (\(\forall \). 2. On the back of the back, write in any unitated tasks which you do now. 3. In the "Time Spent" column, rate all checked (\(\forall \)) tasks by time	Check	TIME SPENT Present Job
DODODO Spont in present jab.  AFSC 431X1  DODODODO  DODODODO  U. MAINTAINING TOW TARGETS (CONTINUED)	IF DONE NOW	1. Vory small amount, 2. Much below average, 3. Below average, 4. Slightly below average, 5. About average, 6. Slightly above average, 7. Above average, 8. Much above average, 9. Vory large amount,
36. Remove or replace rewind stand components		<b>മത്തെത്തെത്ത</b>
37. Remove or replace tow reel components		<b>യമർത്തെയാ</b> തന
33. Rewind cable onto tow spools		<b>ക്കാരത്തെയു</b>
33. Secure cables to spools		000000000
-J. Set up or operate electrical test sets (A/E 37T-18)		<b>മമമരത്തെ</b>
-1. Splice tow cables		<b>മമായമായമാ</b>
141. Store cable cutter cartridges	1	0000000000
1-3. Store or inventory tow targets	;	<b></b>
Swage swaging sleeves		<b>രമാ</b> യത്തന്നാത്ത
-5. Test target bridle hook locks		<b>മെമെമെമെമെ</b>
-5. Test tow reel electrical systems		<b>മമമമമമമമ</b> മ
7. Tighten sway braces		<b>നമ്പാരത്തെന്നു</b>
-o. Transport cable cutter cartridges		<b></b>
-3. Troubleshoot aircraft-installed tow reels		<b>മ</b> മമമമമമമമ
22. Troubleshoot rewind stands		<b>മത്തെയെയാ</b> യ
ii. Unpack tow target assemblies		ФФФФФФФФФ
write it on page 47 or 48.		<b>ക്കാരത്തെന്നു</b>
		೦ಥಾರಿಯಾರಿಯಾ
		<b>്രത്തെത്തെത്ത</b>
V. MAINTAINING AERIAL DELIVERY SYSTEMS		<b>്മെത്തത്തെത്ത</b>
		0000000000
		<b>മ</b> രമരത്തെയോ
1. Adjust overhead delivery system (ODS) or components		മത്തരത്തെയ്
4. Adjust 463L aerial delivery system or components		<b>തെനെത്തെത്തെ</b>

1. Check tasks you perform new ( $\checkmark$ ). 2. On the back of the book, write in any unlisted tasks which you do now. 3. In the "Time Spent" column, rate all checked ( $\checkmark$ ) tasks on time	Check	TIME SPENT Present Job
AFSC 431X1  AFSC 431X1  AFSC 431X1  W. MAINTAINING AERIAL DELIVERY SYSTEMS (CONTINUED)	IF DONE NOW	1. Very small amount. 2. Much below average. 3. Below average. 4. Slightly below average. 5. About average. 6. Slightly above average. 7. Above average. 8. Much above average. 9. Very large amount.
3. Inspect aerial delivery bomb racks or components		<b>രമുത്തത്തെത്ത</b>
4. Inspect ODS		<b>ക്കാരത്തെന്നു</b>
5. Inspect 463L aerial delivery equipment		<b>മെമരമെമെ</b> മമ
6. Operationally check aerial delivery bomb racks		<b>രമാരത്തെത്ത</b>
7. Operationally check ODS		<b>റമാ</b> രാമാരാത്ത
8. Operationally check 463L aerial delivery equipment		<b>ാമാരാവാ</b>
9. Perform operational checks of installed aerial delivery equipment other than 463L	1	0000000000
10. Perform operational checks of installed 463L aerial delivery equipment		0000000000
11. Remove or replace aerial delivery bomb racks or components	-	<b>ാമ</b> മരമമെമെമ
12. Remove or replace aerial delivery systems other than 463L		<b>©മെരുത്തെ</b> മെ
13. Remove or replace ODS components		000000000
14. Remove or replace 463L aerial delivery system components		000000000
15. Remove or replace 463L aerial delivery system minor hardware		<b>©മാ</b> ത്രമേത്രത
16. Remove or replace 463L aerial delivery systems		0000000000
17. Troubleshoot aerial delivery bomb racks		ΦΦΦΦΦΦΦΦΦΦΦ
18. Troubleshoot installed aerial delivery systems other than 463L		<b>ാ</b> മതരത്തെത്ത
19. Troubleshoot installed 463L aerial delivery equipment		<b>മരമരമരമര</b> മ്
NOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		<b>മമത്തെത്താ</b>
		<b>മെയാർയായാ</b>
		<b>മെമെത്തെമെ</b>
W. MAINTAINING INFLIGHT REFUELING (IFR) SYSTEMS		ഠമമമമമമാമമ
		<b>മ</b> മമമമമമാന
		<b>റമരരമമെ</b>
1. Inspect inflight refueling booms		<b>മെമെമെമെമെ</b>

1. Check tasks you perform now (\(\sigma\). 2. On the back of the book, write in any unlisted tasks which you do now. 5. In the "Time Spent" column, rate all checked (\(\sigma\)) tasks be time	Check	TIME SPENT Present Job
spent in present jeb.  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1  AFSC 431X1	J IF DONE WOW	3. Very small amount, 2. Much below average, 3. Below average, 4. Slightly below average, 5. About average, 6. Slightly above average, 7. Above average, 8. Much above average, 9. Very large amount,
2. Inspect inflight refueling doors		രമാരത്തെയാ
3. Inspect inflight refueling pod assemblies		0000000000
4. Inspect inflight refueling pod hose assemblies		<u>ാ</u> തയായായായയ
<ol> <li>Operationally check inflight refueling boom sighting windows</li> </ol>		ഠമമരമമാരമ
6. Operationally check inflight refueling door lights	1	<b>ാമതമേരാമത</b>
7. Remove or replace inflight refueling boom drogues	1	<b>ാമ</b> മമെമെമെമ
8. Remove or replace inflight refueling boom drogue components	1	೦೦೦೦೦೦೦೦೦
9. Remove or replace inflight refueling door light bulbs	·	೦ಥ೦೦೦೦೦೦೦
110. Remove or replace inflight refueling hoses	i	ഠമമരമമെയമ
iil. Remove or replace inflight refueling pods	1	ഠമാദരമാരാ
12. Rig inflight refueling doors		<b>രമാദ്രമാര</b>
113. Service inflight refueling pod accumulators	1	<u>രമാരത്തെന്നു</u>
114. Troubleshoot inflight refueling pod systems		<b>റ</b> മമരമമെമെ
115. Visually inspect inflight refueling boom drogues	1	ල ග ග ග ග ග ග ග ග ග
mOTE: If any task you perform under this duty is not listed, write it on page 47 or 48.		0000000000
	+-	ට ග ග ග ග ග ග ග ග ග ග ග ග ග ග ග ග ග ග ග
RETURN TO PAGE XII AND FOLLOW PROCEDURE B.		0000000000
		0000000000
WHEN YOU HAVE COMPLETED ALL RATINGS IN "TIME SPENT CURRENT JOB" COLUMN, PAGES 1-46, YOU WILL HAVE		
COMPLETED THIS USAF JOB INVENTORY, AND YOU MAY TURN THIS BOOKLET IN TO YOUR OCCUPATIONAL SURVEY CONTROL		<u>രമാരതയേയ</u> ത
OFFICER.		<b>റമരര</b> മരമെ
		<u>രമാരശരശേശ</u>